HISTORY INFORMATION FOR THE FOLLOWING MANUAL:

ELECTRICAL SERVICE MANUAL

(CONFIDENTIAL INTERNAL USE ONLY)

ORIGINAL MANUAL ISSUE DATE: 12/2010

AZ1-L *CHASSIS*

Segment: 5-2P

Version	Date	Subject
1.0	12/2010	No revisions or updates are applicable at this time.

LCD Digital Colour TV

SONY

KDL-22PX300(AEP/UK/RUSSIA)

9-888-375-51

Self Diagnosis Supported model

SERVICE MANUAL

AZ1-L *CHASSIS*

Segment: 5-2P

LCD Digital Colour TV

SONY

KDL-22PX300(AEP/UK/RUSSIA)

9-888-375-51

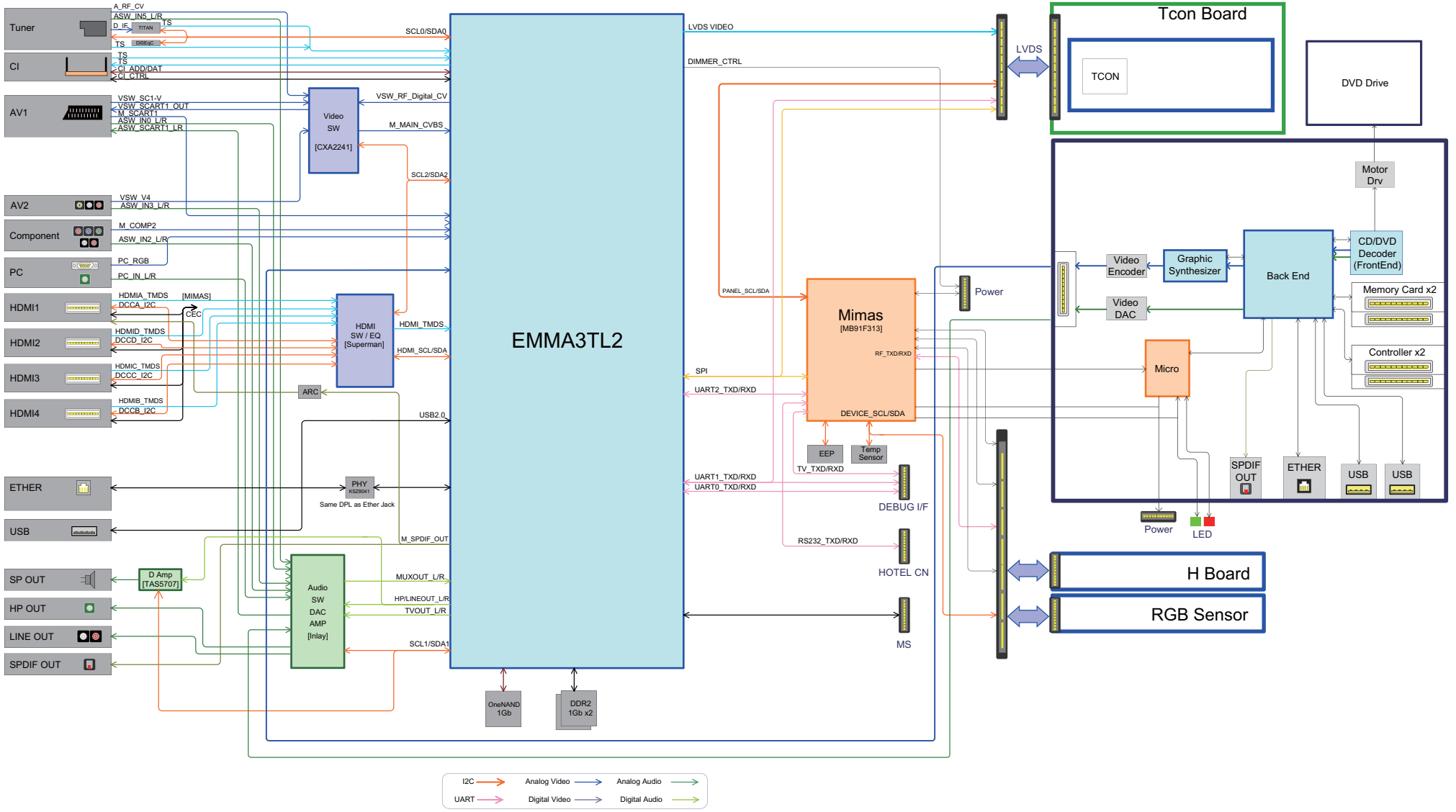
MODEL LIST

MODEL	COLOR	COMMANDER	DEST.
KDL-22PX300	Black	RM-ED040	AEP
			UK
			RUSSIA

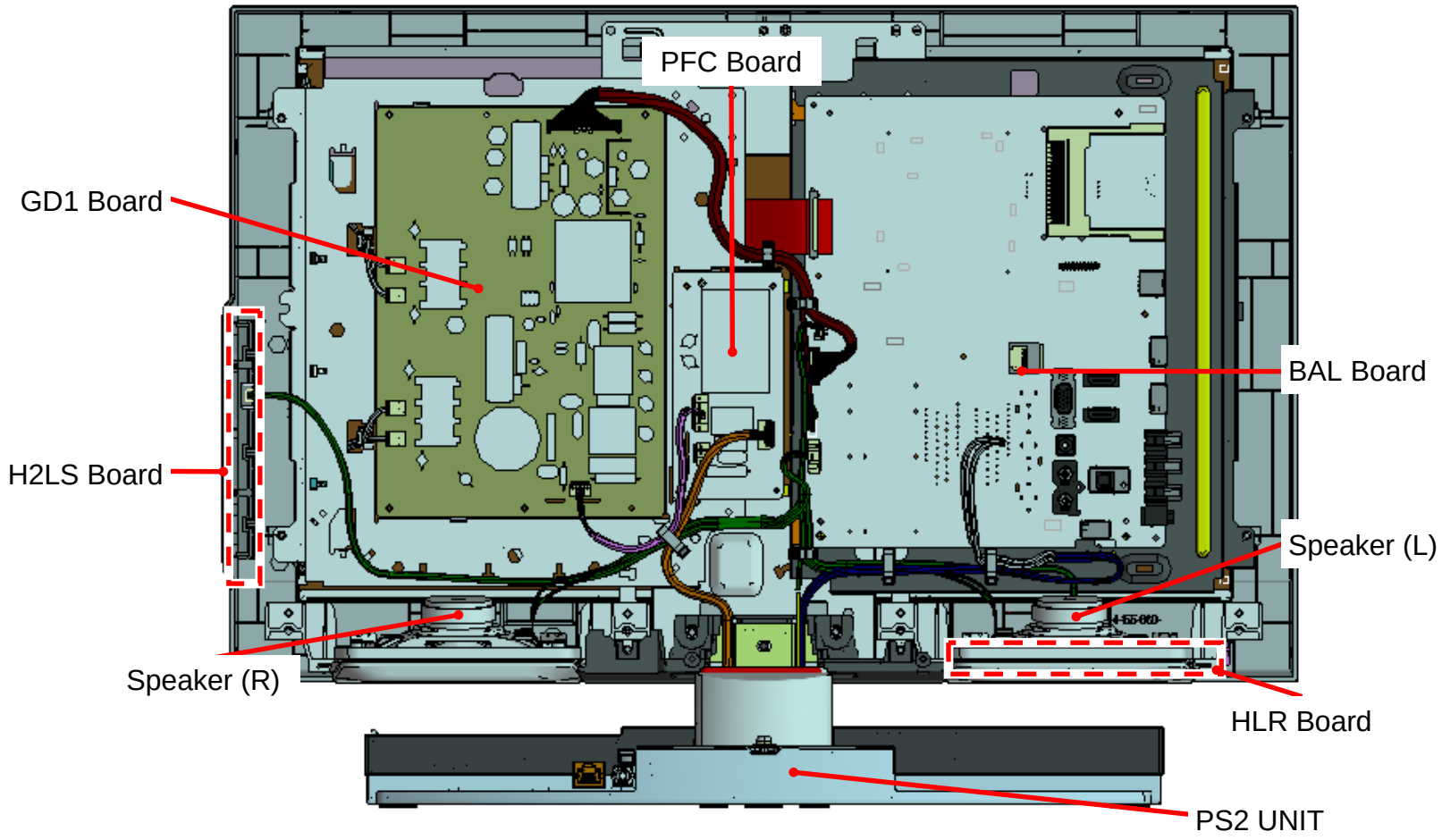
MODEL	COLOR	COMMANDER	DEST.

SECTION 1: DIAGRAMS

1-1. BLOCK DIAGRAM



1-2. CIRCUIT BOARDS LOCATION



1-3. SCHEMATIC DIAGRAMS AND PRINTED WIRING BOARDS

Note :

- All capacitors are in µF unless otherwise noted.
- pF : µµF 50WV or less are not indicated except for electrolytic types.
- Indication of resistance, which does not have one for rating electrical power, is as follows.

Pitch : 5mm
Electrical power rating : 1/4W

- Chip resistors are 1/10W
- All resistors are in ohms.
  k = 1000 ohms, M = 1000,000 ohms
- : nonflammable resistor.
- : fusible resistor.
- : internal component.
- : panel designation or adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.
- All voltages are in Volts.
- Readings are taken with a 10Mohm digital mutimeter.
- Readings are taken with a color bar input signal.
- Voltage variations may be noted due to normal production tolerences.
- : B + bus.
- : B - bus.
- : RF signal path.
- : earth - ground.
- : earth - chassis.

Reference Information

RESISTOR	**RN**	: METAL FILM
	RC	: SOLID
	FPRD	: NON FLAMMABLE CARBON
	FUSE	: NON FLAMMABLE FUSIBLE
	RS	: NON FLAMMABLE METAL OXIDE
	RB	: NON FLAMMABLE CEMENT
	RW	: NON FLAMMABLE WIREWOUND
		: ADJUSTMENT RESISTOR
COIL	**LF-8L**	: MICRO INDUCTOR
CAPACITOR	**TA**	: TANTALUM
	PS	: STYROL
	PP	: POLYPROPYLENE
	PT	: MYLAR
	MPS	: METALIZED POLYESTER
	MPP	: METALIZED POLYPROPYLENE
	ALB	: BIPOLAR
	ALT	: HIGH TEMPERATURE
	ALR	: HIGH RIPPLE

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

Note : Les composants identifiés par une trame et par une marque ⚠ sont d'une importance critique pour la sécurité. Ne les remplacer que par des pièces de numéro spécifié. specified.

Note : The components identified by mark 🔒 contain confidential information.
Strictly follow the instructions whenever the components are repaired and/or replaced.

NOTE: Schematic diagrams are for reference only. Please refer to the electrical parts list for the correct value and part number of components.

BAL-AZ1L

Portion7

SySTEM

*IC9000
MC-10161F1-420-PN4-A

IC9003
XX

IC9002
74AHC1G08GW-125

X9000
48MHz
181435611

*RB9006 2.2k
RB9009 2.2k
RB9002 2.2k
RB9008 10k
RB9010 10k
R9032 XX
RB9012 47
RB9007 47
RB9011 47
*RB9013 47
RB9005 47
RB9014 47
*RB9003 47
*RB9004 XX

R9007 XX
R9056 47
C9004 XX
R9006 680
C9001 4p 50V
C9002 4p 50V
R9065 100
S9000 XX
R9065 XX
C9013 XX
C9014 XX
R9072 XX
R9073 100
R9061 XX
*R9004 XX
R9008 XX
R9025 68
R9027 10k
C9003 0.1 16V
R9003 2.2k
*R9048 47
*R9053 XX
R9055 XX

D+3.3V
GND_D
X_U_BOOT_RST
X_M_WDT
CL9001
CL9013
CL9014
CL9015
CL9016
CL9017
M_SPDIF_SEL
M_DIMMER
X_M_HDMI_MUTE
X_M_NAND_WP_IN
M_HP_DET
M_MS_INS
POWER3

E8	SYSRSTB	T27	SCL0
E7	SYSWRSTB	T26	SDA0
AD1	SYSXI	E18	SCL1
AD2	SYSXO	D18	SDA1
F17	TEST	T25	GPIO62/SCL2
M28	M28	R26	GPIO63/SDA2
L29	L29	R28	URT0RX
M27	M27	R29	URT0TX
L27	L27	T29	URT1RX
L28	L28	T28	URT1TX
M29	NMI	R27	GPIO64/URT2TX2
E17	GPIOS2/PRCG0	R25	GPIO65/URT2RX2
F19	GPIOS3/PRCG1	V2	GPIO24/SCICMDV
D17	GPIO74	V5	GPIO25/SCIRST
E16	GPIO75	T5	GPIO26/SCITRD
D16	GPIO76	M6	GPIO27/SCICLK
E15	GPIO77	U4	GPIO28/SCIOFF
E20	GPIO78	M4	MSCLK/SDDATA1
		P1	MSDIR/SDCDIR
		P2	MSBS/SDCMD
		N1	MSDATA0/SDCLK
		N3	MSDATA1/SDDATA0
		M3	MSDATA2/SDDATA2
		N4	MSDATA3/SDDATA3
		N2	SDDIR

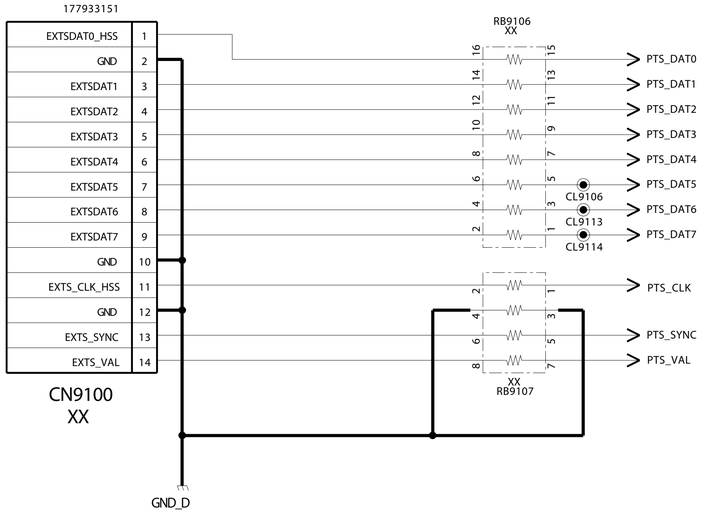
CL9002 M_SCL0
CL9004 M_SDA0
CL9007 M_SCL1
CL9008 M_SDA1
CL9009 M_SCL2
CL9010 M_SDA2
M_UART0_RX
M_UART0_TX
CL9011 M_UART1_RX
CL9012 M_UART1_TX
M_UART2_RX
M_UART2_TX
X_M_CI_RST/M_SCI_CMDV
M_CI_CREGB/X_M_SCI_RST
M_CI_CD1B
M_SCI_CLK
M_SCI_TRD
M_CI_REQB
M_SCI_OFF
M_CI_CD2B
M_MS_CLK
M_MS_BS
M_MS_DATA0
DOWNLOAD_DATA
DOWNLOAD_CLK
DOWNLOAD_CS

BAL 1/24 MAIN MICROCONTROLLER, HDMI/AV/PC INPUT, AUDIO PROCESSOR, SCARTS

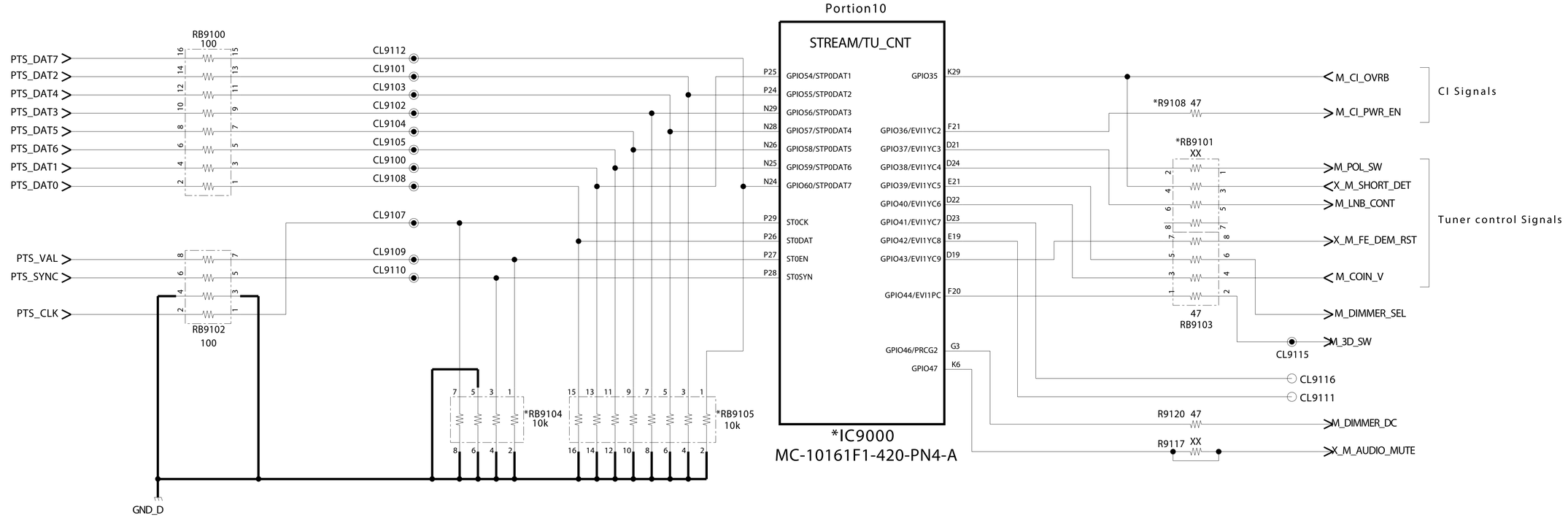
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

EXTERNAL TS INPUT



BAL 2/24



COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

Portion6

CI/Strap

*IC9000
MC-10161F1-420-PN4-A

LED

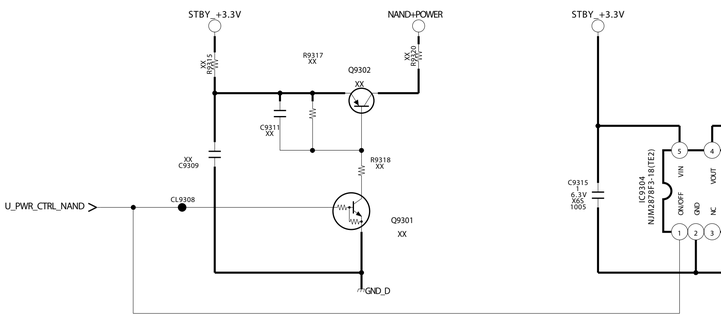
From Main Chip

RB9206,RB9207,RB9215,RB9216は、
長寿命マクロ使用のこと。

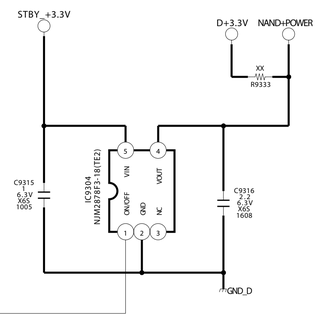
BAL 3/24

COMPONENTS MARKED AS XX REFER TO PARTS LIST. WILL ONLY BE LISTED IF FITTED

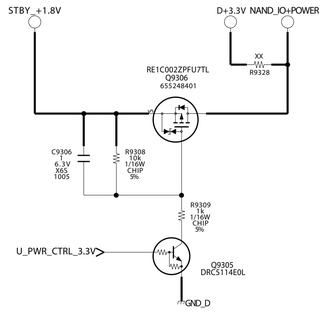
BAL-AZ1L



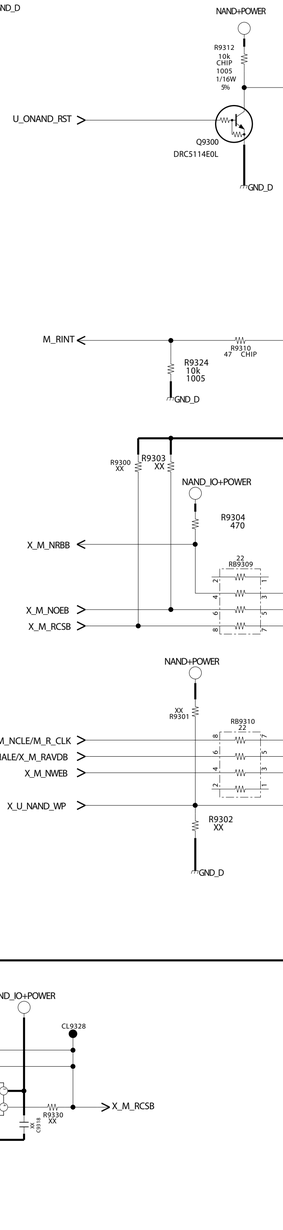
For NAND power 3.3[V]

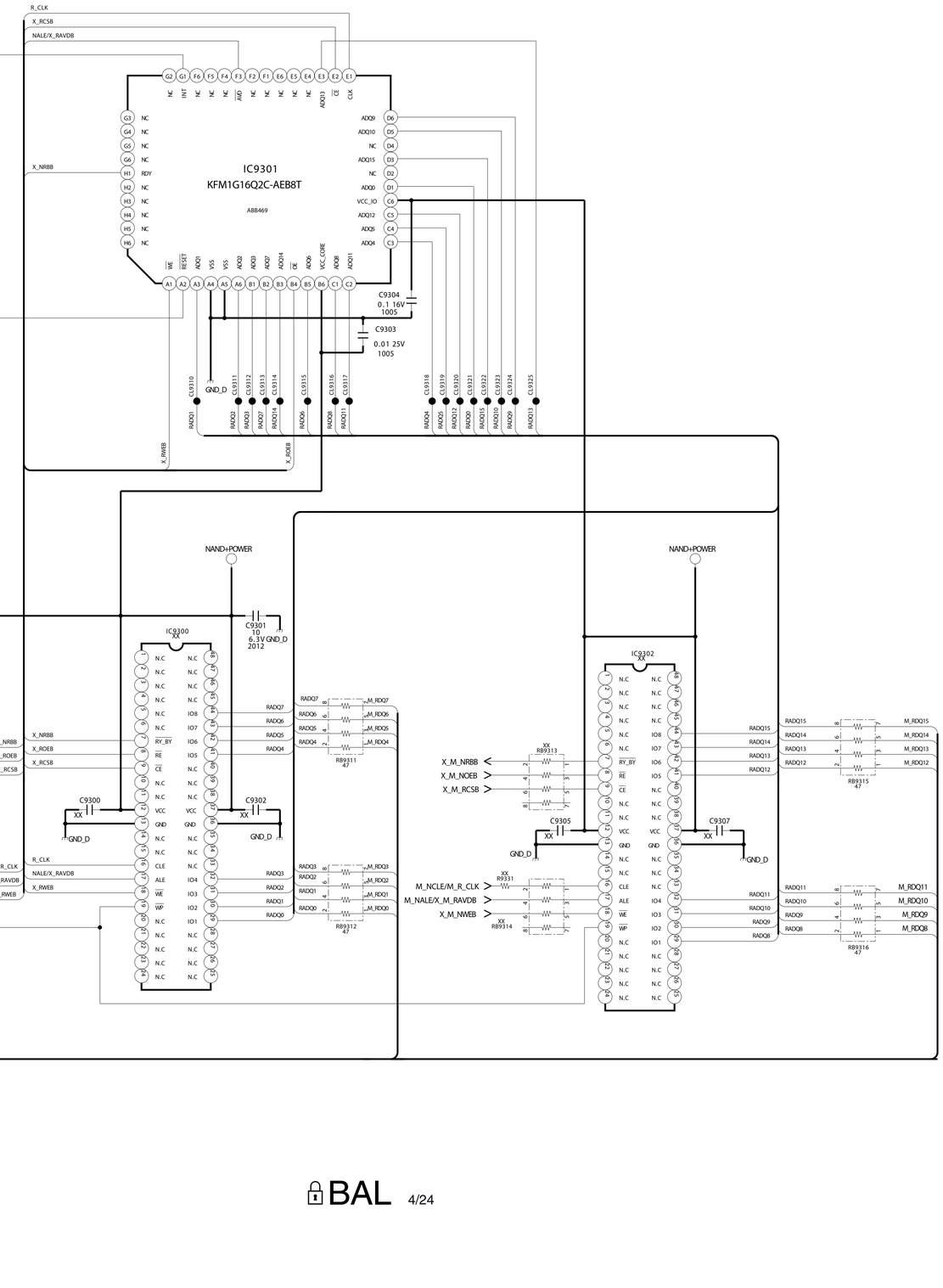


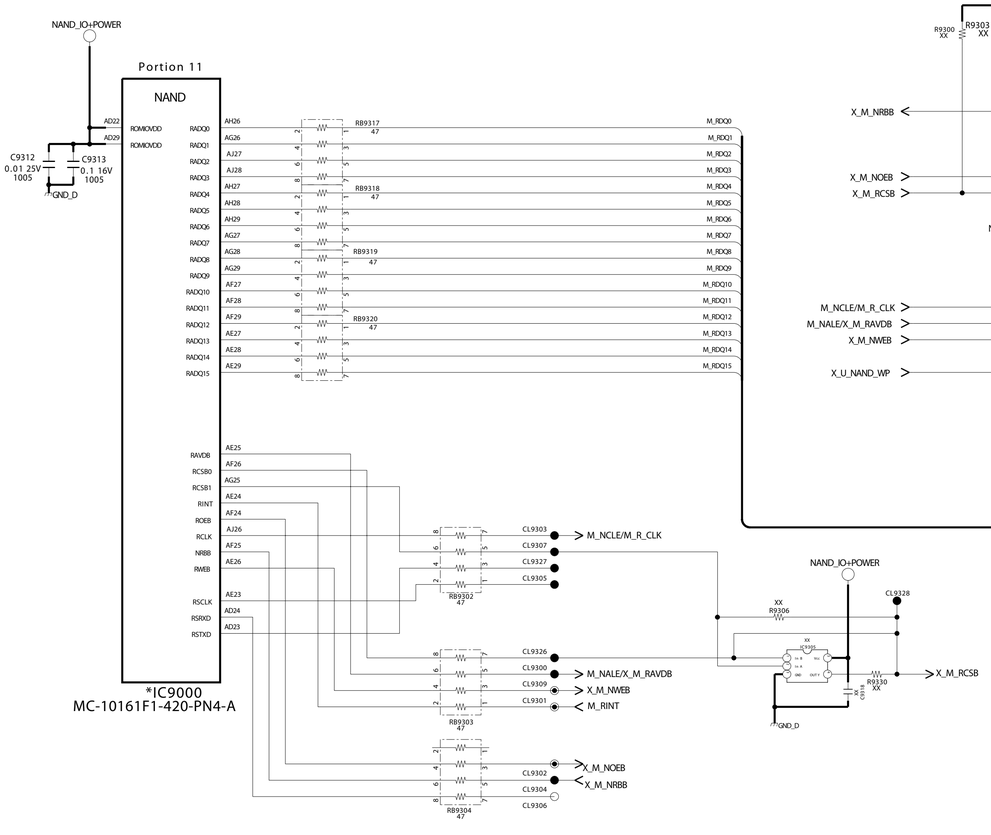
For OneNAND power 1.8[V].



To satisfy EMMA power sequence, supply 1.8[V] independently.







BAL 4/24

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

Portion 1

DDR2

*IC9000
MC-10161F1-420-PN4-A

IC9400
EDE1116AEBG-8E-F-TR

IC9401
EDE1116AEBG-8E-F-TR

BAL 5/24

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

PC

D1/SCART2/Component1

AEP:SCART2
J:D1
Other:Component1

D2/Component2

J:D2
Other:Component2

From Video SW

SCART1

AEP:SCART1
Other:Component Y(SD)

SCART1/2
Fast Blanking

Portion 8
MC-10161F1-420-PN4-A

VIDEO IN/OUT

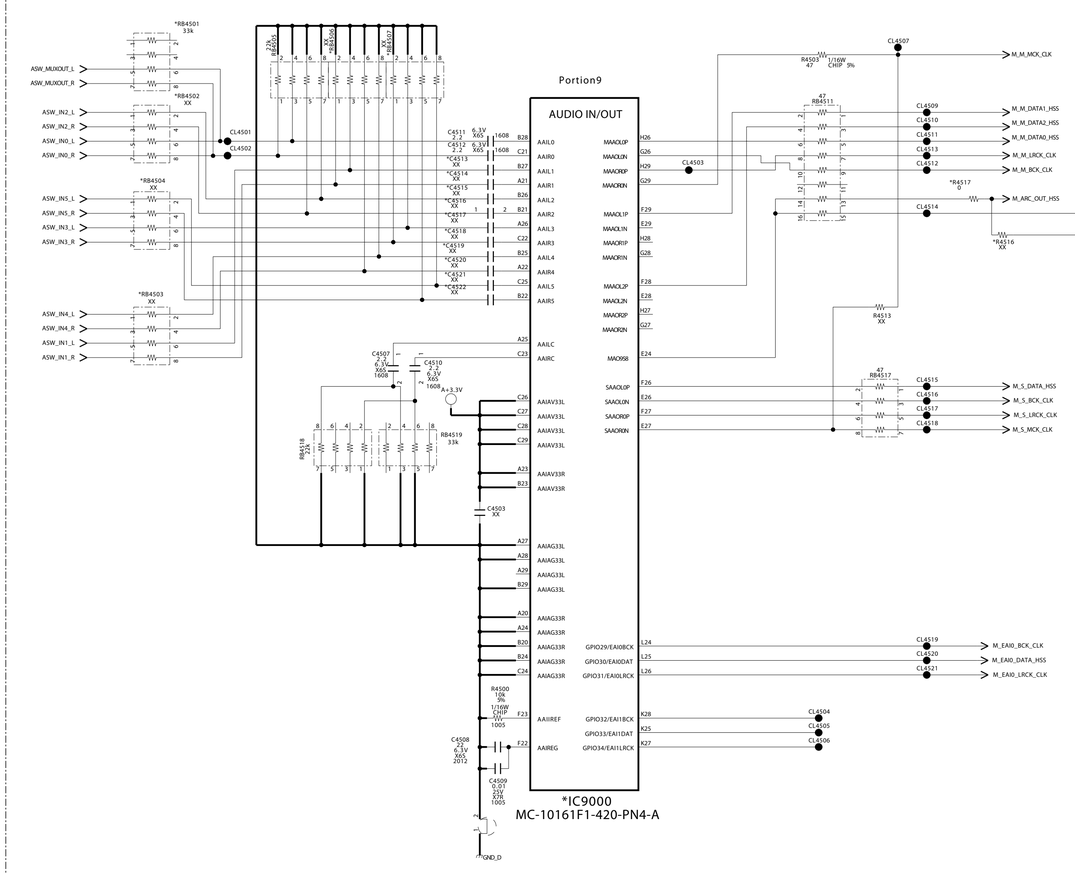
*IC9000

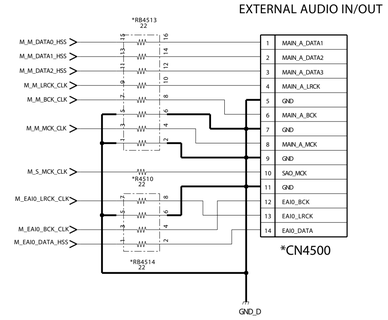
VIDEO BUFFERS

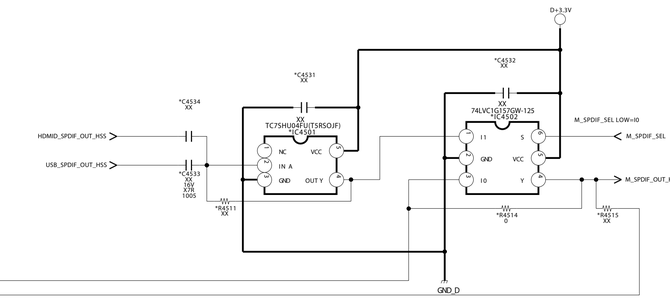
BAL 6/24

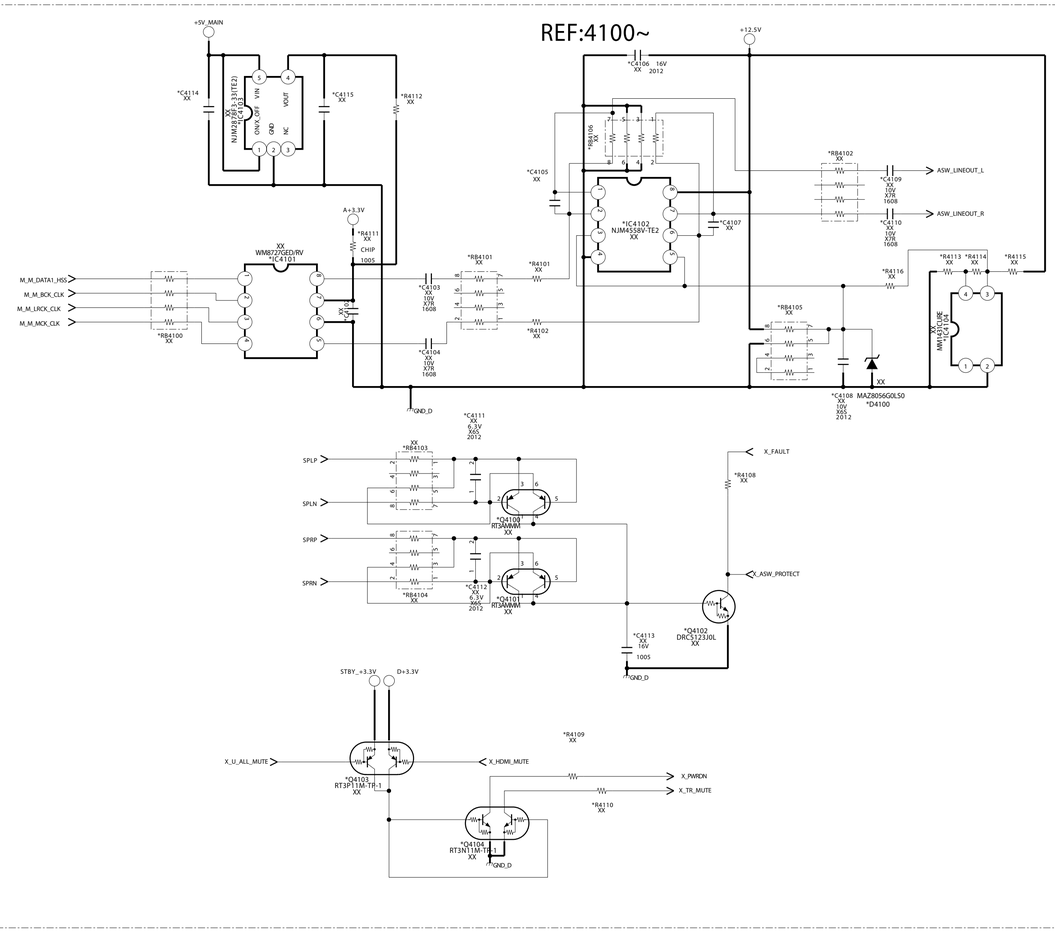
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

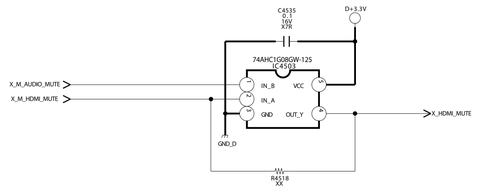
BAL-AZ1L











BAL 7/24

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

Portion 2

Power

D+1.05V

C9800 10 6.3V X6S 2012
C9802 0.1 16V
C9803 XX
C9804 XX
C9805 XX

C9801 10 6.3V X6S 2012
C9806 0.1 16V
C9807 XX
C9808 XX
C9809 XX

C9810 XX
C9811 XX
C9812 XX

GND_D

D+3.3V

C9813 10 6.3V
C9814 0.1 16V
C9815 XX
C9816 XX
C9817 XX
C9818 XX

GND_D

PLL+1.05V

L9800 600ohm
L9801 600ohm
L9802 600ohm

C9819 XX
C9820 0.1 16V
C9821 XX
C9822 0.1 16V X7R 1005
C9823 0.1 16V X7R 1005
C9824 XX
C9825 0.1 16V X7R 1005

GND_D

L15	CVDD	
L16	CVDD	
M12	CVDD	
M13	CVDD	
M18	CVDD	
M19	CVDD	
M24	CVDD	
M25	CVDD	
M26	CVDD	
P11	CVDD	
P12	CVDD	
R11	CVDD	
R12	CVDD	
R19	CVDD	
T19	CVDD	
V18	CVDD	
V19	CVDD	
W14	CVDD	
W15	CVDD	
W19	CVDD	
F6	IOVDD	
F7	IOVDD	
F24	IOVDD	
G24	IOVDD	
J24	IOVDD	
J25	IOVDD	
J26	IOVDD	
T6	IOVDD	
T24	IOVDD	
U6	IOVDD	
U24	IOVDD	
U11	PLLSYVDD	
V11	PLLUMVDD	
L19	PLSBVDD	
T11	PLSVVDD1	
U19	PLSVVDD2	

*IC9000
MC-10161F1-420-PN4-A

Portion 3

GND

U12	PLSYGND	GND
V12	PLLUMGND	GND
L18	PLSBGND	GND
T12	PLSVGND1	GND
U18	PLSVGND2	GND
		GND

GND_D

A16, B16, C16, C17, C19, C20, C5, D20, D25, D26, D27, D28, D29, D6, E22, E23, E25, E6, F25, G1, G2, G25, H24, H25, H5, H6, J27, J28, J29, J6, K24, M1, M14, M15, M16, M17, M2, N12, N13, N14, N15, N16, N17, N18, N19, P13, P14, P15, P16, P17, P18, P19, R13, R14, R15, R16, R17, R18, T13, T14, T15, T16, T17, T18, U13, U14, U15, U16, U17, U29, V13, V14, V15, V16, V17, V6, Y24, AA24, AC6, AC24, AC25, AD25, AD28, AE1, AE2, AJ29 — GND

*IC9000
MC-10161F1-420-PN4-A

Portion4

ETHERNET/USB

M_ETREFCLK_CLK	E4	ETREFCLK	
		USBRSDP1	W2
M_ETMDC_CLK	F3	ETMDC	USBDP1 W1
M_ETMDIO	D2	ETMDIO	USBDM1 Y1
		USBRSDM1	Y2
M_ETRXD0_HSS	E3	ETRXD0	
M_ETRXD1_HSS	D1	ETRXD1	USBOCI1 AA4
		USBPPON1	AA3
M_ETRXER_HSS	F5	ETRXER	
M_ETCRS_HSS	E2	ETCRSDV	
M_ETTXD0_HSS	F4	ETTXD0	
M_ETTXD1_HSS	E1	ETTXD1	USBVD331 AA2
M_ETTXEN_HSS	E5	ETTXEN	
			USBAVDD AC1
			USBAVSS V1
			USBAVSS AA1
			USBAVSS AB2
			USBAVSS AC2
			USBRREF AB1

R9731 39 0.5% — M_USB_RSDP1_P
R9732 39 0.5% — M_USB_RSDM1_N
M_USB_OCT1
M_USB_FPON1

To EtherPHY

D+3.3V
C9730 XX — GND_D
FB9730 0uH 1608 148151711
C9731 0.01 25V
R9730 1.6k 0.5%
FB9731 0uH 1608 148151711
GND_D

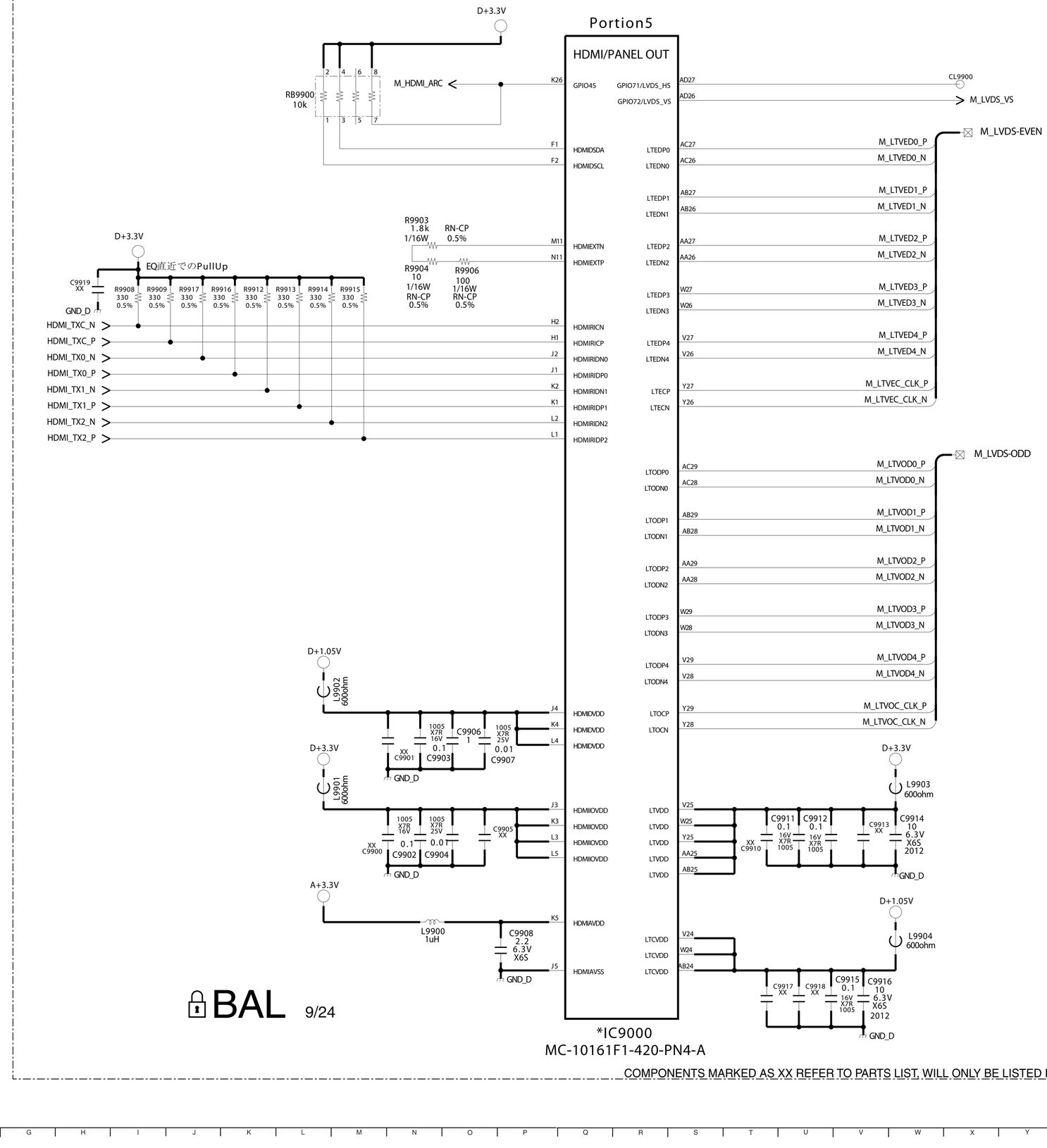
*IC9000
MC-10161F1-420-PN4-A

USB GND

BAL 8/24

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L



BAL 9/24

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED.

HE111(AEP-T2_Gaia only:Pcon*1)

VE(AEP-S2:Sekito)+Titan

xx_UE(AEP-S2T2:Gaia)

HC(CHina,HK:PAL_con*2)

UJ111(JaPan:Fcon*2)

HA(Us/Canada)

HB(Brazil,Argentina: Fcon*2)

AE{AEP-Std./_PA(GA)}

AT(TaiWan:Fcon*2)

AE,AT 18pins only.

[Pull down for All!
'cause of the EMMA's Hi-Z.
*This Reset is used
also for Titan !)

No +5.0V used

FY11

HC(CHina,HK)

To Titan Low-IF

+/-0.35Vpp

{1,2/2.5/3.3v-SW_Ena @HC/xOSC_Ena@AE,AT,VE}

To Audio Amp.

To Video Amp.

*Z is only for BxHS

Mount one of the 18 Tuners

{Common Pattern for All the 18 Tuners!!}

To EMMA3

Because of 100Ω in Tu.,47Ωx11 now!
(EMMA: 100+ 22k_HC/ 10k_else pulldown)

「AE(AEP-Std, PanAsia): 30 x 48 mm」

「AT(Taiwan_F-con.),
VE(AEP-S2),
UJ(Japan),
HA(US/Canada),
HB(Brazil): 38 x 70 mm」

「HE(AEP-T2 only)
UE(AEP-S2T2),
HC(China): 38 x 85 mm」

BAL 10/24

JTA-LNB only for UJ(Japan)

{8A max.? by short @G's OCP}

{JTA:990mA max.}

JEITA LNB Power
15.5v[R]/11.3v[L]±0.5V
OCP: 0.55A±0.1A

{155k/10k+1)x1.0=>16.5V[R]
{143.7k/10k+1)x0.8=>12.3V[L]

LNB_CONT

003:4D

M_LNB_CONT

POL_SW(R/L)

004:2B

M_POL_SW

X_SHORT_DET

X_M_SHORT_DET

{10k pull up}
{to EMMA's 3.3V!!}

15.5/11.3V
by 0.3A

Spike_Limiter_ONS/NXP!
for V_OUT chattering short

Common Cap.
for both JTA&DSQ!!
now in G1/2 Board

Common Cap. for both JTA&DSQ!!

DSQ-LNB for VE,UE (Euro-Sat.) Tuner

*Don't use VCTRL else VoTX latch-up! for LNBH23PPR

to Rohm RSX101M-30

{18.1±0.7V @ LNBH23
(18.5+0.5/-0.7v LNBH23T)
/13.4V±0.5 by 0.48A}

{19.25-19.63/14.15V}

333A max.by IEC _8/20us-6kV Surge

{8A max.? by short @G's OCP}

{nc!}

VoTX(22Khz)

18.5-18.8B/13.4V

{ 22khz Demod.out for Sekito's DSQ_In }

X_22khz_Demod

TU_DISEQC_IN

DiSEqC-LNB power: 18.1v[H]±0.7v @LNBH23,
18.5+0.5/-0.7v @LNBH23T =>17.4~19.0V max.
/13.4v[V]±0.5v by 0.48A OCP:0.67A±0.12[R1023:15k}

CENELEC: 18.5v±0.925/
13.5v±0.675 @ 0.4A min.
FreeSat: 19.0V max.!!

2.5V_LDO for ALL!

Pd: (3.3-2.5)* 0.7A=0.56W *50K/W -> 28℃ up / w TO-252

IC1001 NJM2850DL1-25-TE1 673311501

Ripple: < 500uVpp

{2.5V}

{0.7A_max by Ascot2}

4.7u for 2.5V!}

close to Tu

3.3V_LDO for ALL!

Finally fixed to S-1132833 +22uF!
Pd: (4.2-3.3)* 0.29A=0.261W -> 26.1℃ up / w Diode

IC1002 S-1132833-U5TIG 671088001

10-100khz Ripple: < 150uVpp
Load_Reg: < 13mVpp ! by Δ100mA

{3.3V}

{0.28A_max by Ascot2}

C1026, C1029, C1025 short test was OK w/o F1006 (for 3.3v_LDO!)

5.0V_EMC/Ripple Filter for ALL!

{Ripple: less than 40mmVpp ?
else more L/Caps.}

{10mA}

{80mA max.}

Ripple: < 4mVpp@Low_Freq.

No Mount if no 5V is used
AE,HE(T2),HA(U/C),(PA-W)

R1036_SW'ed DD+1.2V/0.8A only for HC(CHina) with +1.2V_LDO supplied to A+1.2V! and R1112_Ena'd DD+1.2V for UJ,HA(U/C),HB,HE(T2),UE(T2S2), and VE(S2)'s A+1.2V & Titan by R1096!

DEM+1.2V_HC-SW
{China TT:High}

{220mA max.(~340mA/UE)}

Changed to ST1S06PUR:1.5A_max.{100us delay}

{x1.377=>1.24V}

{0.8A max.for HC/HE/VE
1.36A for UE}
(Pat.loss=40mV)

*Caution: No OVP, Never short pin#1:FB to GND!/ never add >2.5Vdc,

Mount Jumper:R1096 for A+1.2V of VE+Titan,HE,HA,HB,UJ and UE
No Mount for HC,AE,AT.

Mount 10u!! for HE,VE,HC's LDPC!
Δ 500mApp change

{1.35A max for UE!}

{200mA max for UJ!!}
Ripple: < 2mVpp max!@4khz

{1.2V_EMC filters for ALL!}

1.2v_LDO for HC,AE&AT+Titan!

{210mA max.}

Pd: (2.5-1.2)* 0.21A=0.273W -> 27.3℃ up / w Diode

If EQ+1.2v (HDMI's 1.2V_DDcon) is decided
R1111: to be shorted !!

Titan for AE,AT(TaiWan),VE(with Titan)-Tu. (not for HE,UE:-T2[Gaia])

Place 10 bypass Caps close to each VDD pin !

Matching OK by NDK

{ 3A max. by OCP}

{ 350mA max. by OCP}

{ 350mA max. by OCP}

{ 350mA max. by OCP}

{ 350mA max. by OCP}

A0:pulldown ->
D8h(-T),Dch(-C)

{TT_1.2V}

{TT_3.3V}

Close to Tuner and Titan
Balanced & Shielded!!

Titan:
DVB-T/C Demod.

Shielded and close to Tu.

Close to pin#48

To EMMA3

X_OSC_ena: pullup in Titan {TT:Low}

CH model: pulldown of 5k is in D-Tr.SWx2

x7.1(AEP)/x5.0(GA,etc)_Audio Amp.for ALL!

{for the 12V Ripple less than 250mmVpp
S/N of 72dB/ 64dB min.is assured!}

Ripple < 250mVpp is OK
with ShuntReg.
C1097: better be 4.7uF
for board vibration

{Ro_Tu.=10K}
{92mVrms
by 100%FM_sysM}

{460mVrms by 100%FM_sysM}

Left_TV-Audio

Right_TV-Audio

{for UJ,HA(U/C),HB,AT(Taiwan)
/Sys M,PAL-M/N_4.5MhzLPF}

BH76106SHFV-TR
6-709-510-01

{for AE(/PA),HE(-T2),VE(-S2),HC
/Sys B,G,L,D,K,,,=> 6MhzLPF}

Gain: *1.993+/-3.5
(by Rohm 106/206SHFV)

x1.993 Video Amp.& H_Det's SyncSep for All!

{No H_Count's SS for All!! now.
(Mount R1029:10k pulldown instead!)}

{must be Mimas and EMMA's 3.3V!!}
{No short test by No pass©!}

{1.0A max. by Fuse}
{1.2A/120m Ω!}

{40IRE clipper_Synctop_0.2Vdc}

Mimas'
H_Counter

* Mount R1029:10k for All!

{1.014Vpp☐9.7%}

{for UJ,HA(U/C),HB,AT(Taiwan)
/Sys M,PAL-M/N_4.5MhzLPF}

BH76206SHFV-TR
671406001

From Tuner
{0.61Vpp☐6%}

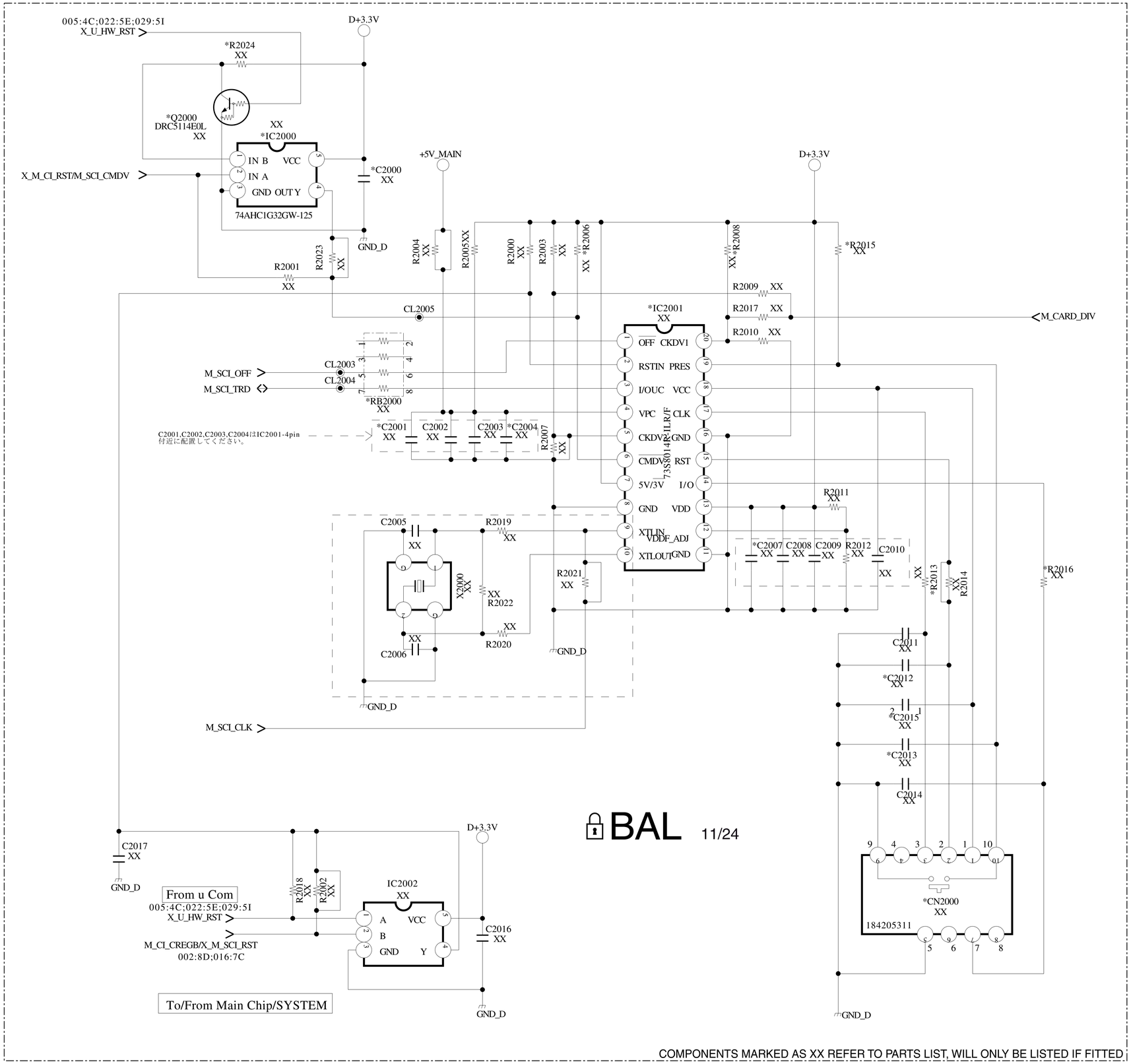
{for AE(/PA),HE(-T2),VE(-S2),HC
/Sys B,G,L,D,K,,,=> 6MhzLPF}

EMMA3TL2

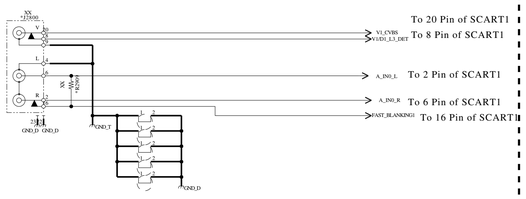
TV_H_DET

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

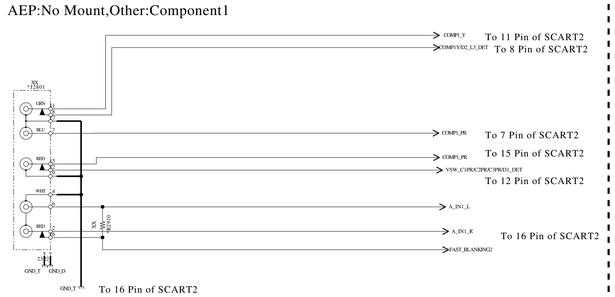

005:4C;022:5E;029:5I
X_U_HW_RST
*R2024
XX
D+3.3V
*Q2000
DRC5114E0L
XX
XX
*IC2000
IN B
VCC
IN A
GND
OUT Y
74AHC1G32GW-125
X_M_CI_RST/M_SCI_CMDV
*C2000
XX
GND_D
+5V_MAIN
R2004
XX
R2005XX
R2000
XX
R2003
XX
XX *R2006
XX *R2008
D+3.3V
*R2015
XX
R2001
XX
R2023
XX
R2009 XX
R2017 XX
R2010 XX
CL2005
*IC2001
XX
M_CARD_DIV
CL2003
CL2004
M_SCI_OFF
M_SCI_TRD
*RB2000
XX
OFF
CKDV1
RSTIN
PRES
I/OUC
VCC
VPC
CLK
CKDV2
GND
CMDVCC
RST
5V/3V
I/O
GND
VDD
XTLIN
VDDF_ADJ
XTLOUT
GND
7SS8014
*C2001
XX
C2002
XX
C2003
XX
*C2004
XX
R2007
XX
C2001,C2002,C2003,C2004はIC2001-4pin
付近に配置してください。
R2011
XX
C2005
XX
R2019
XX
X2000
XX
R2022
XX
R2020
XX
C2006
XX
R2021
XX
GND_D
*C2007
XX
C2008
XX
C2009
XX
R2012
XX
C2010
XX
XX
*R2013
XX
R2014
*R2016
XX
C2011
XX
*C2012
XX
*C2015
XX
*C2013
XX
C2014
XX
*CN2000
XX
184205311
M_SCI_CLK
C2017
XX
GND_D
From u Com
005:4C;022:5E;029:5I
X_U_HW_RST
M_CI_CREGB/X_M_SCI_RST
002:8D;016:7C
R2018
XX
R2002
XX
IC2002
XX
A
B
GND
VCC
Y
D+3.3V
C2016
XX
GND_D
To/From Main Chip/SYSTEM
BAL 11/24
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

CVBS INPUT



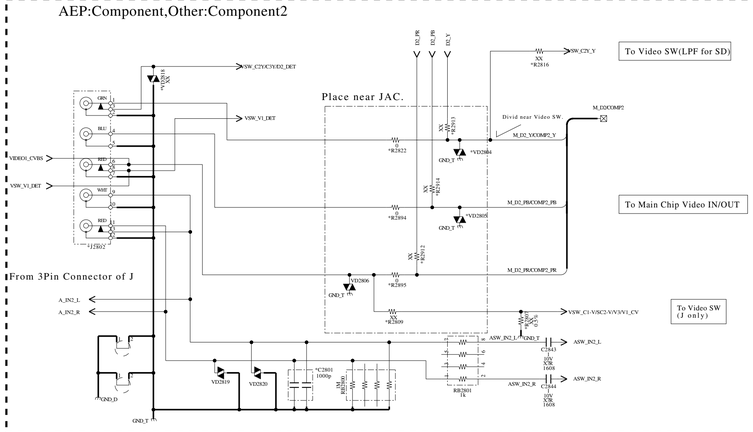
COMPONENT & CVBS INPUT

AEP:No Mount,Other:Component1

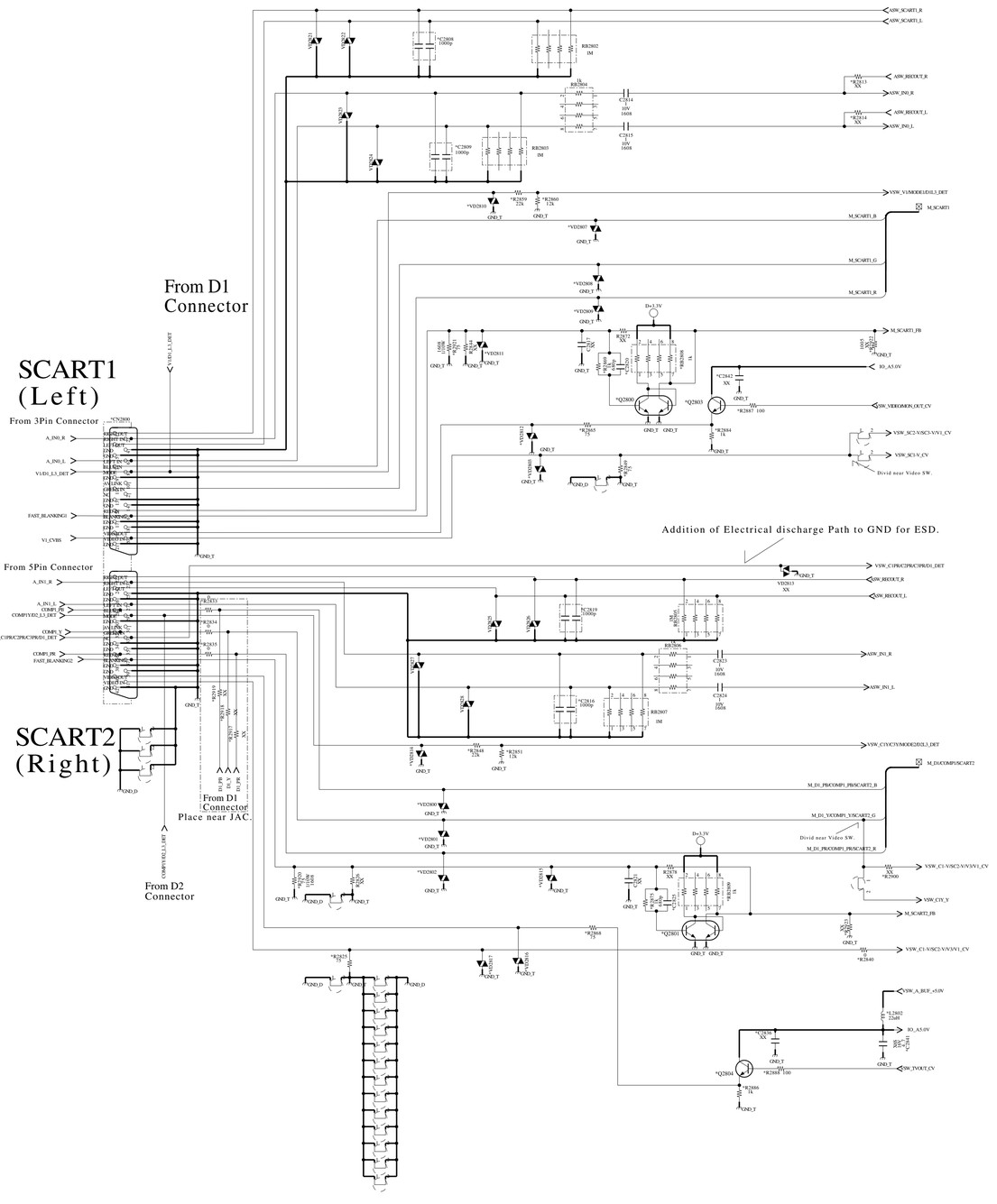


COMPONENT INPUT

AEP:Component,Other:Component2



From D1 Connector



BAL 12/24

COMPONENTS MARKED AS XX REFER TO PARTS LIST. WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

Mount on Comp2.

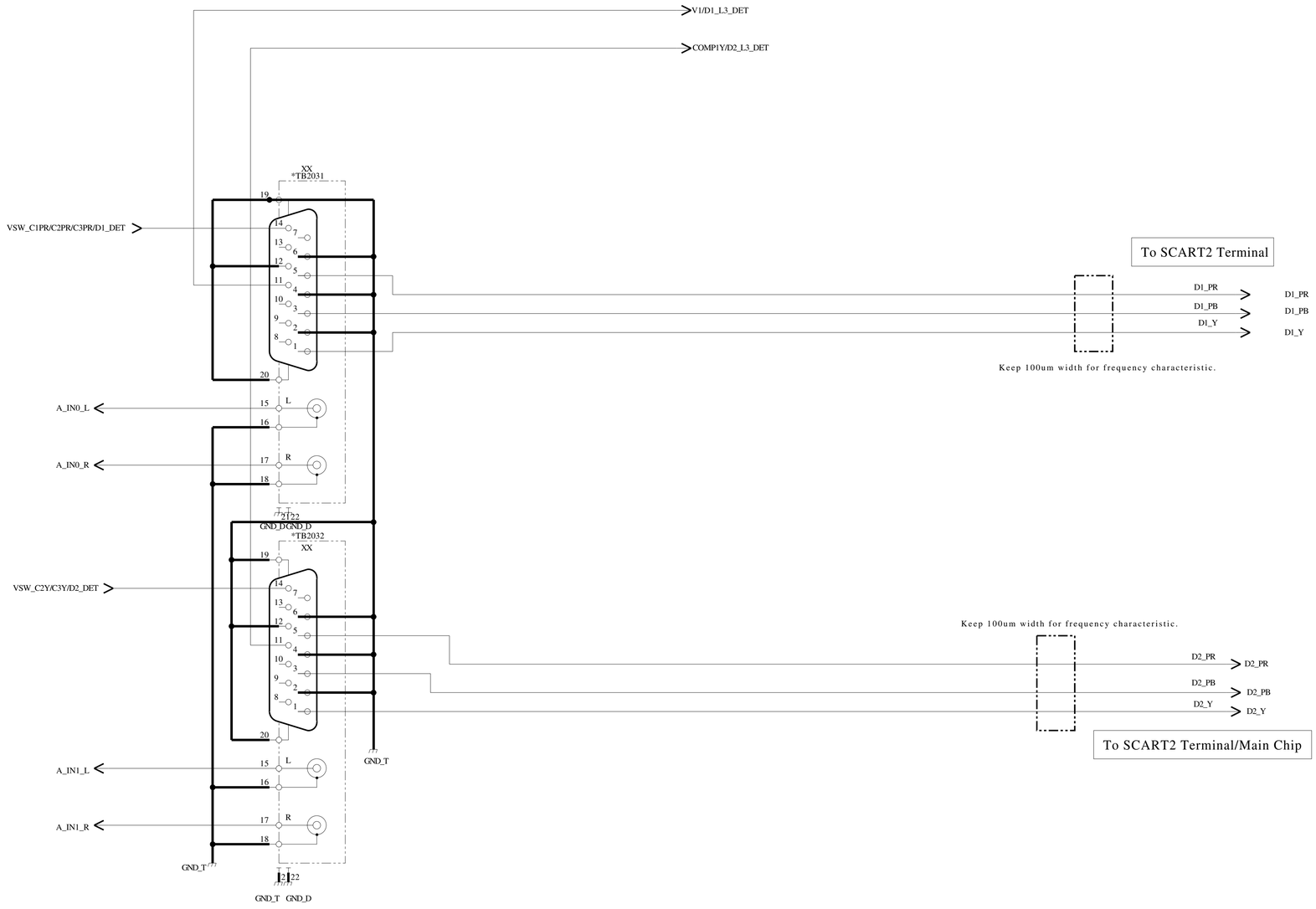
To Sht17 Comp2

To Video SW

To Audio DSP

BAL 13/24

To Terminal SCART



Component Input 1

Component Input 2

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

Side Video

HP

IC2200
SII9287B

To Video SW

To Audio DSP

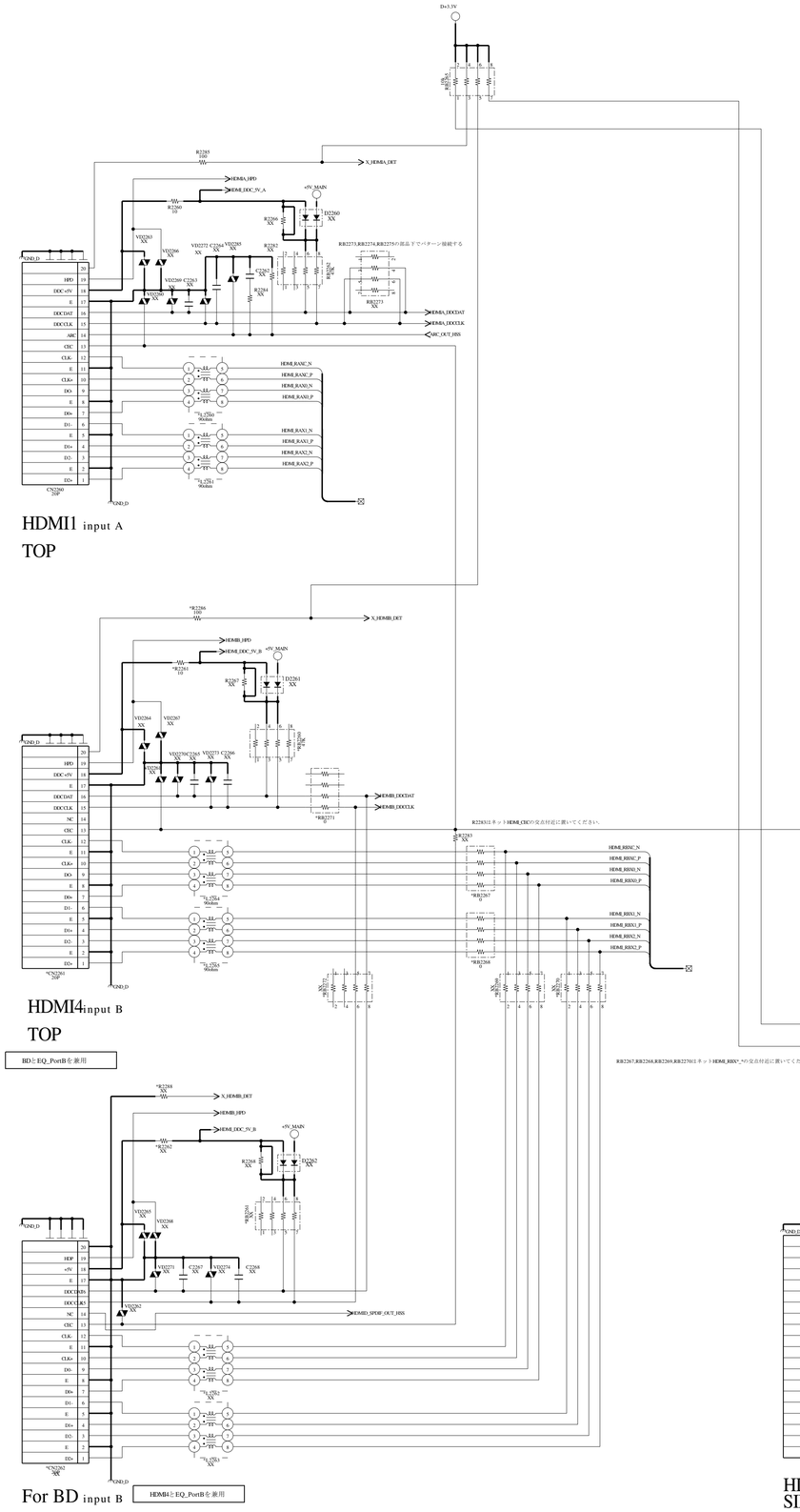
From Audio SW

BAL 14/24

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

BAL 15/24



COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

PC

BAL 16/24

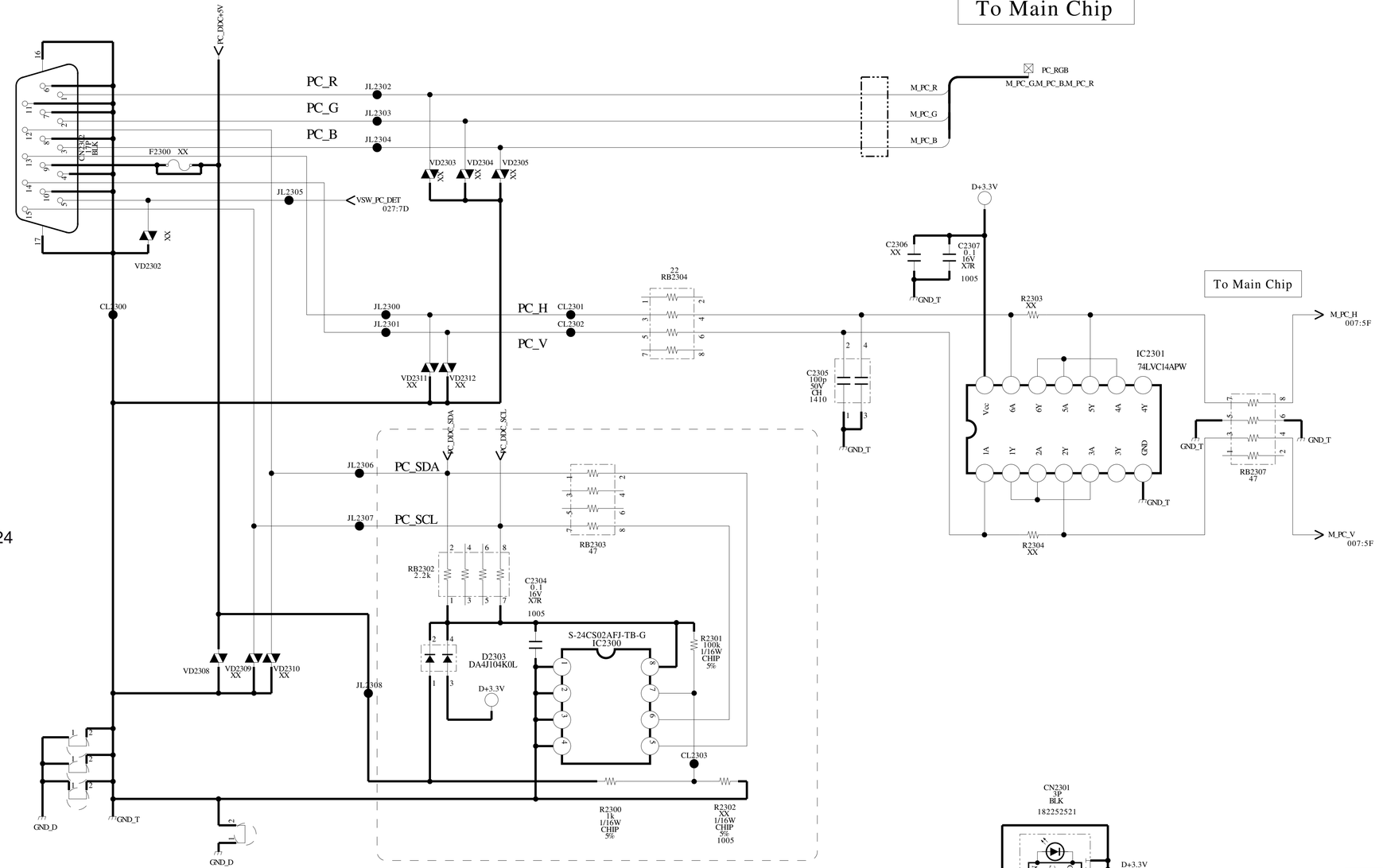
PC_LR IN

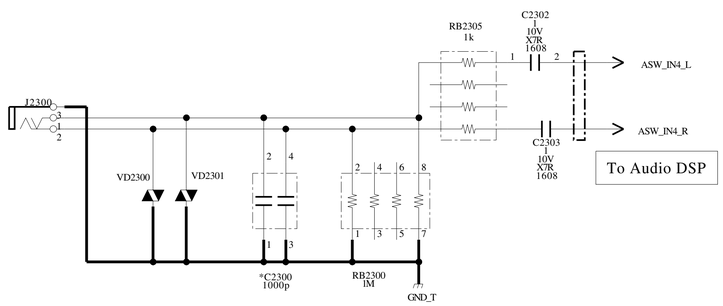
To Main Chip

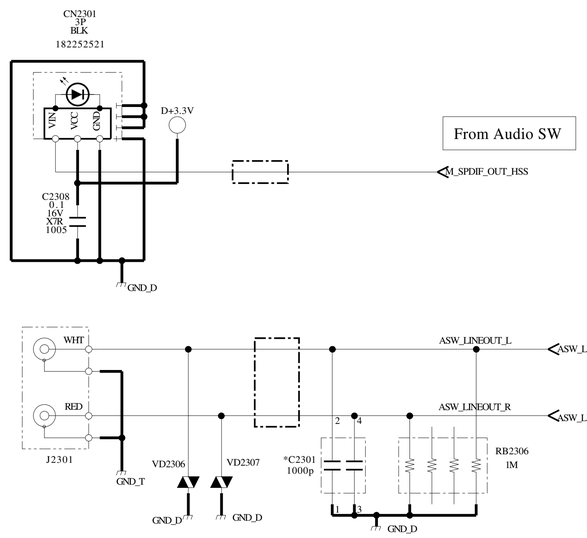
To Main Chip

From Audio SW

To Audio DSP



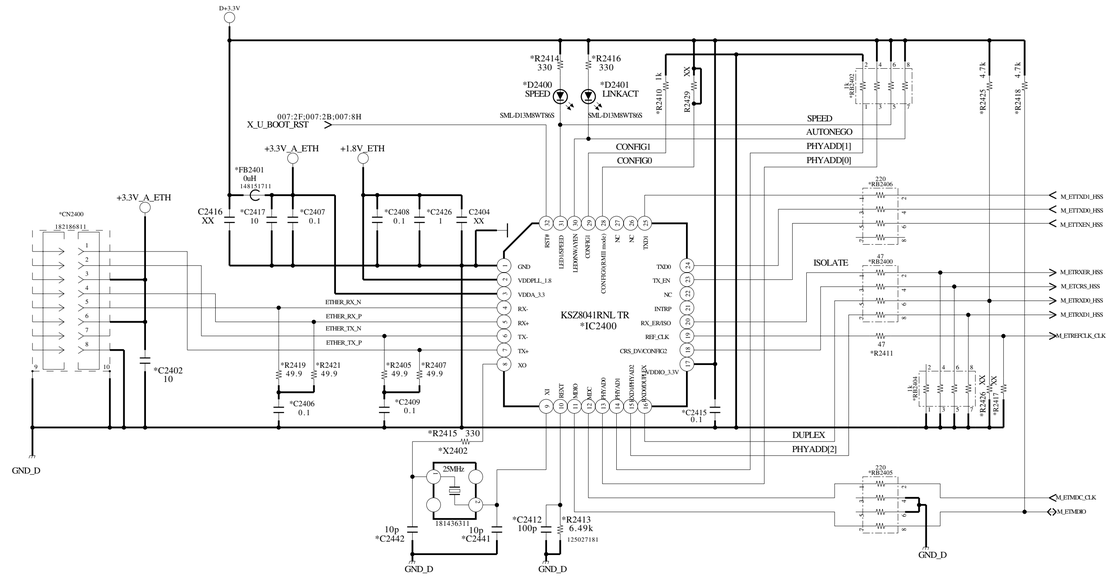


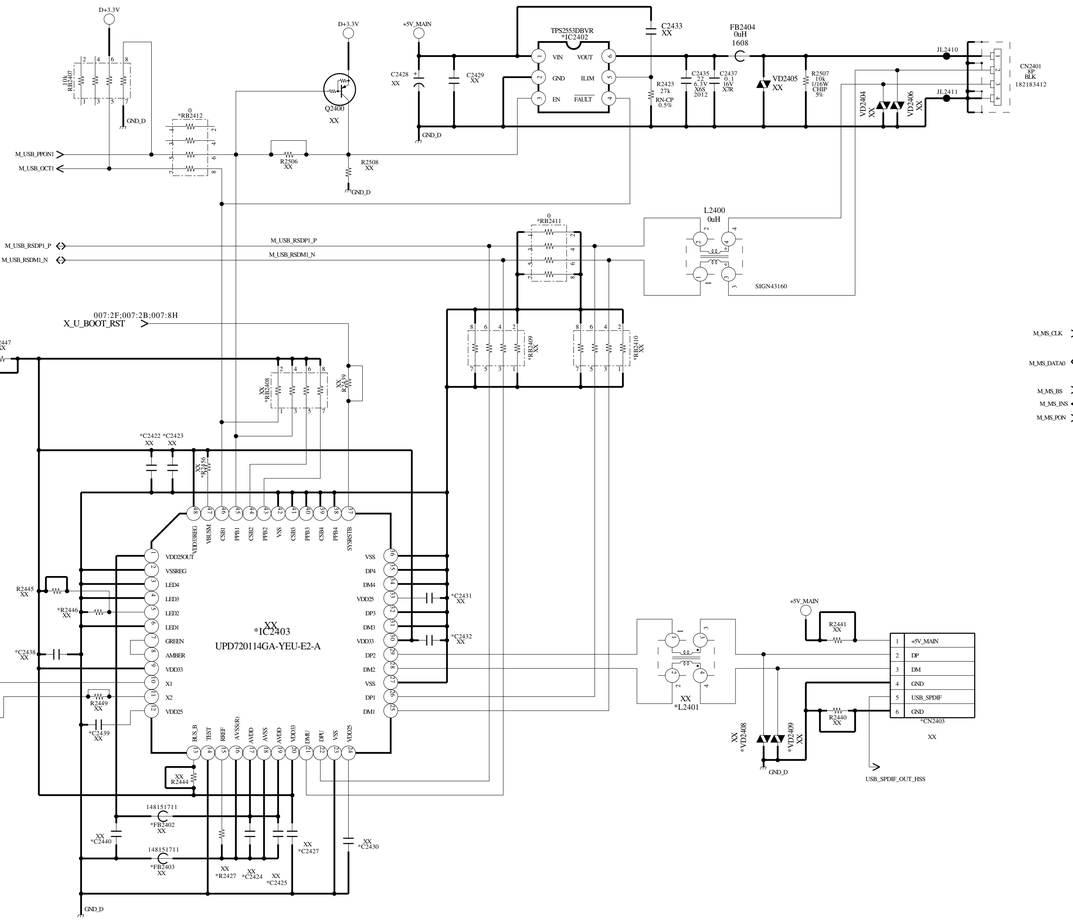


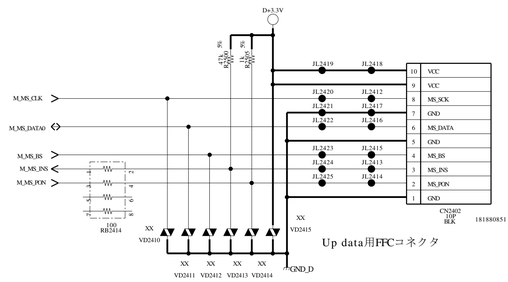
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

BAL 17/24







COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

BAL 18/24

Decoupling for MIMAS

M't in case of PEM model

1	AC_OFF_DET
2	POWERON
3	BL_ERR
4	BL_ON
5	DIMMER
6	HSYNC/DIMMER_DC
7	TCON_ON

CN2561 7P

To G board

To Mimas AD port

From Main Chip/LVDS

M_LTVEC_CLK_N,M_LTVEC_CLK_P,M_LTVED0_N,M_LTVED1_N,M_LTVED2_N,M_LTVED3_N,M_LTVED4_N,M_LTVED0_P,M_LTVED1_P,M_LTVED2_P,M_LTVED3_P,M_LTVED4_P

M_LTVOC_CLK_N,M_LTVOC_CLK_P,M_LTVOD0_N,M_LTVOD1_N,M_LTVOD2_N,M_LTVOD3_N,M_LTVOD4_N,M_LTVOD0_P,M_LTVOD1_P,M_LTVOD2_P,M_LTVOD3_P,M_LTVOD4_P

LVDS等長ペア配線
EMMA3←→ CN2560間
差動インピーダンス100Ω狙い

Place these termination resistors near the Main Chip LVDS out

For TL-EX1 Board

1	GND	
2	TVM_TXD	for ECS
3	TVM_RXD	
4	RESET	
5	STBY_+3.3V	
6	MODE_TVM	
7	DTT_RXD	
8	NC (MD2)	
9	PQC/PEM_RXD	
10	PQC/PEM_TXD	
11	GND	
12	DTT_TXD	
13	ECS_MATRIX	
14	STBY_+3.3V	
15	MODE_PEM	
16	MIMAS_RXD	for MIMAS programming
17	MIMAS_TXD	
18	GND	

CN5500 18P

Panel Control Signal

LVDS Signal EVEN

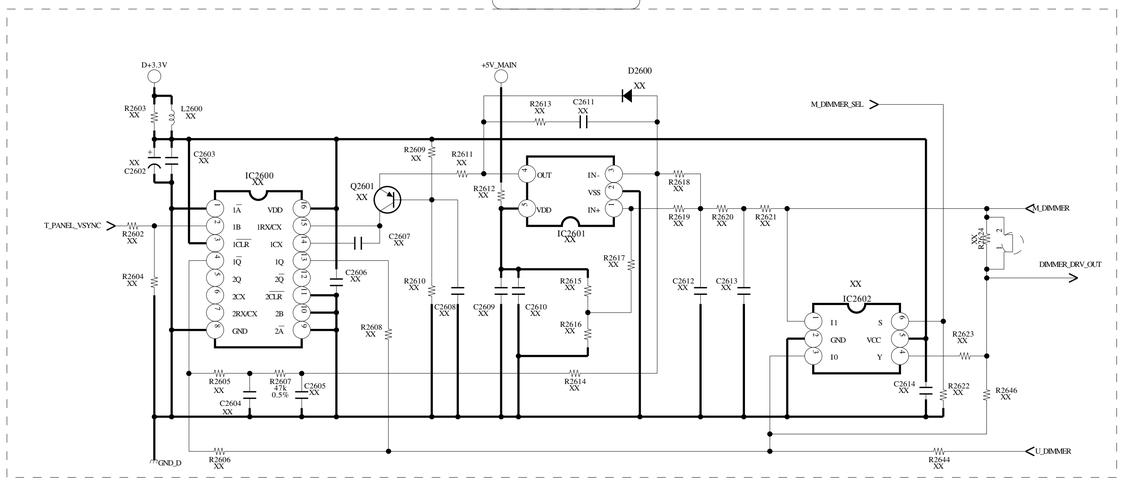
LVDS Signal ODD

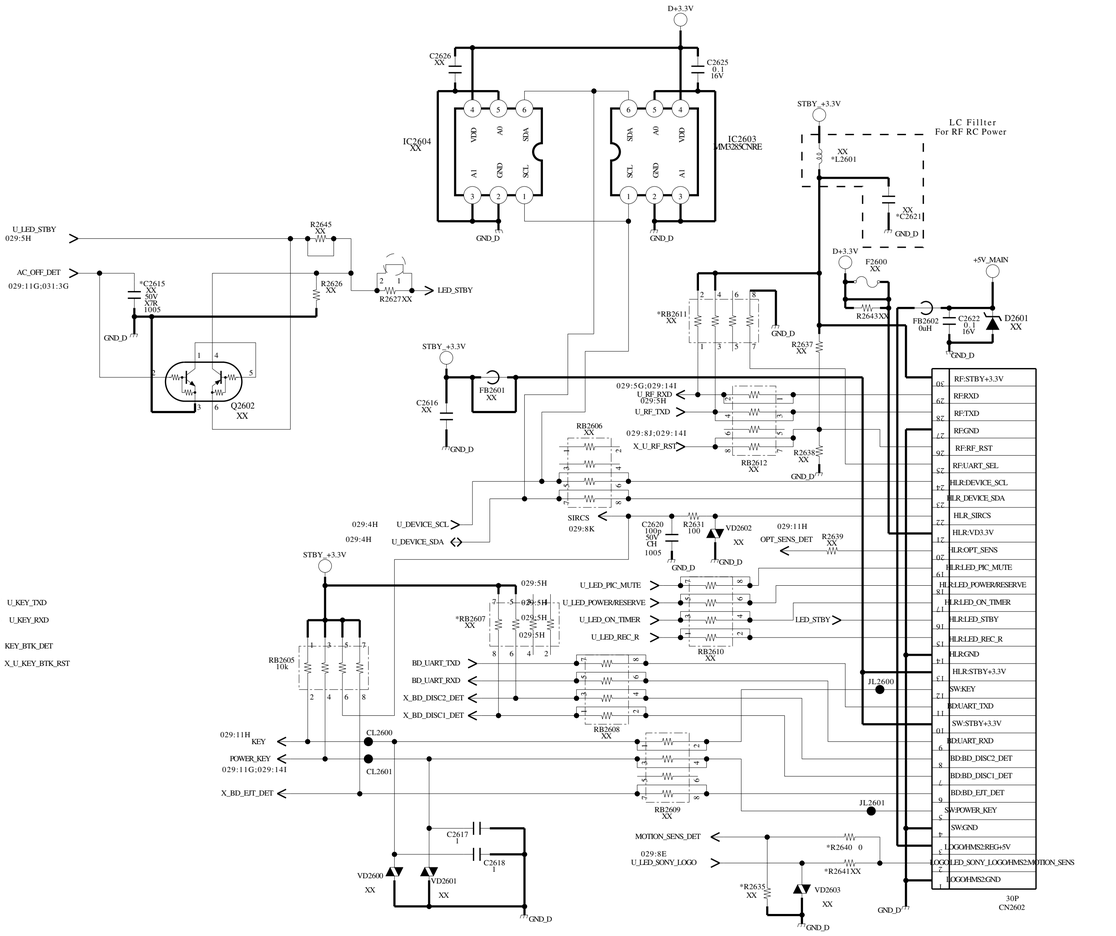
To LVDS Connector

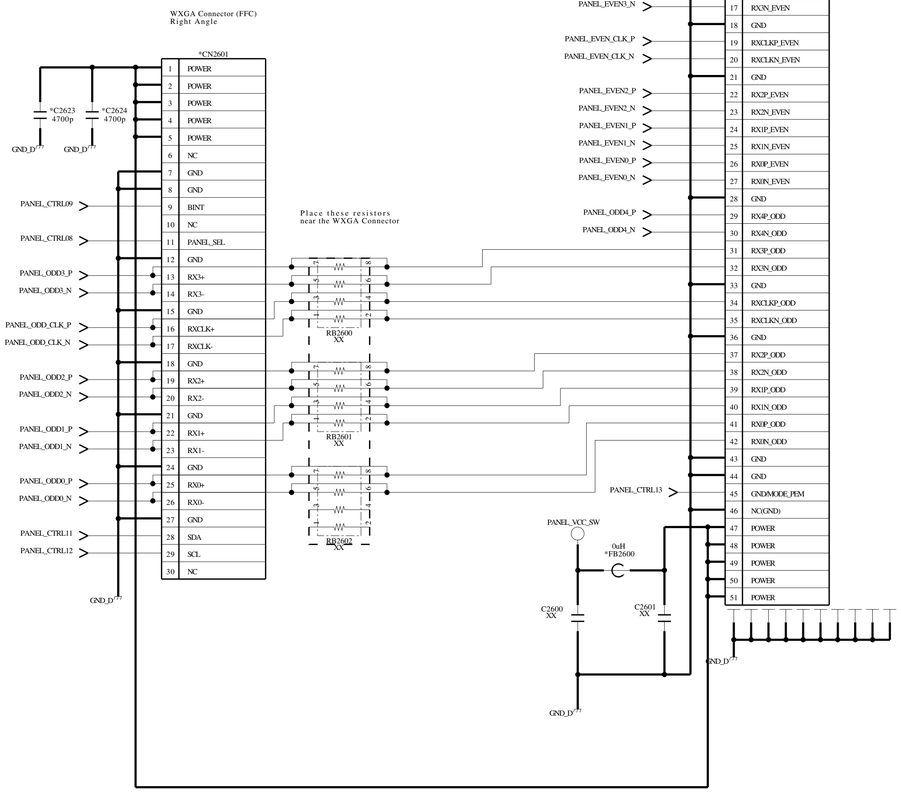
COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

WATER FALL







U_KEY_TXD ⟷ U_KEY_TXD
U_KEY_RXD ⟷ U_KEY_RXD
KEY_BTK_DET ⟷ KEY_BTK_DET
X_U_KEY_BTK_RST ⟷ X_U_KEY_BTK_RST

BAL 19/24

To Hx Boards

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

BAL 20/24

1	Mount Mecha *A3900	415925601	
2			
3			
4			

*ET3917 XX 178083312
*ET3918 XX 178083312
*ET3901 178083312
*ET3902 178083312
*ET3903 178083312
*ET3904 178083312
*ET3905 XX 178083312
*ET3906 178083312
*ET3907 178083312
GND_D

A-RF
TU_VIDEO_DET
VSW_C1PR/C2PR/C3PR/D1_DET
VSW_V1/V3_DET
6.3V C3009
*R3024 XX 0.5% 1608
+5V_MAIN
VSW_A_BUF_+5.0V
L3000 22uH
C3016 0.1 16V X7R
2012 X6S 16V 4.7 C3017
GND_T
VSW_A5.0V

R3025 XX
M_SCL2
M_SDA2
R3026 XX
C3006 XX
GND_T

ADR:5V
Slave Address:92h

*R3016 XX

Video SW
IC3000
CXA2241Q-T4

ADR SDA SCL V5 S1_4 Vcc Y5 C5 S2_4 NC
30 29 28 27 26 25 24 23 22 21

S2_3 C4 Y4 S1_3 V4 S2_2 C3 Y3 S1_2 V3
31 32 33 34 35 36 37 38 39 40

V/YOUT1 20
COUT1 19
NC 18
V/YOUT2 17
COUT2 16
NC 15
VOUT3 14
V/YOUT3 13
COUT3 12
NC 11

CL3000
CL3001
VSW_VIDEOMON_OUT_CV
VSW_TVOUT_CV

A_REC/MON_OUT_CV
TV_OUT

S2_1 C2 Y2 S1_1 V2 GND V1 NC NC OUT3
1 2 3 4 5 6 7 8 9 10

Q3001
RT3S02M-T111-1
VSW_A5.0V
R3008 5.6k 1/16W 0.5%
R3010 10k 1/16W 0.5%
R3012 XX
M_MAIN_CVBS

*Q3000 XX
VSW_A5.0V
*R3007 XX
*R3009 XX
R3011 XX
M_SUB_Y

RB3000 100
VSW_V1/MODE1/D1L3_DET
*C3013 XX
VSW_C1Y_Y
VSW_C2Y/C3Y/D2_DET
VSW_SC2-V/SC3-V/V1_CV
6.3V *C3000 XX
C3004 XX GND_T
C3020 XX GND_T
XX *R3004

RB3001 100
VSW_C1Y/C3Y/MODE2/D2L3_DET
VSW_SC1-V_CV
6.3V *C3021 1
VSW_PC_DET
VSW_C1-V/SC2-V/V3/V1_CV
6.3V C3002 1
C3022 XX GND_T
C3005 XX GND_T

COMP1_Y(SD)

XX *R3017
C3003 XX GND_T

Digital_RF
VSW_RF_DIGITAL_CV
6.3V *C3014 1
*R3005 XX
100 RB3003
C3011 XX GND_T

COMP2_Y(SD)
VSW_C2Y_Y
6.3V *C3001 XX
VSW_V1_DET
VSW_V4/C2PR_DET
6.3V C3012
VSW_V4/C2-V_CV

ET3908 XX
ET3909 XX
ET3911 XX
ET3913 XX
ET3914 XX
ET3916 XX
GND_D

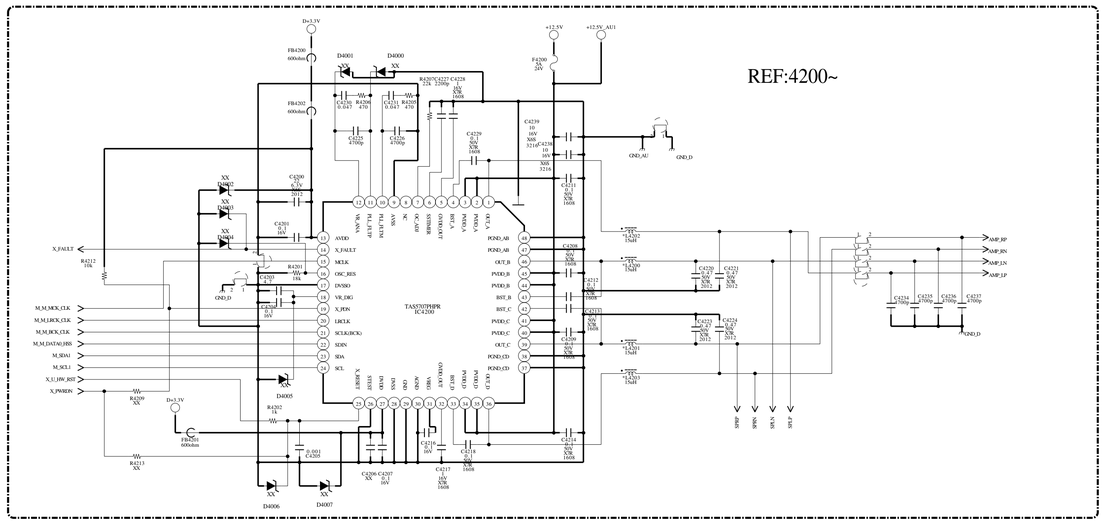
AMP_LP JL4301 1 L+
AMP_LN JL4302 2 L-
AMP_RN JL4303 3 R-
AMP_RP JL4304 4 R+
CN4300 4P

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

BAL 21/24

REF:4200~



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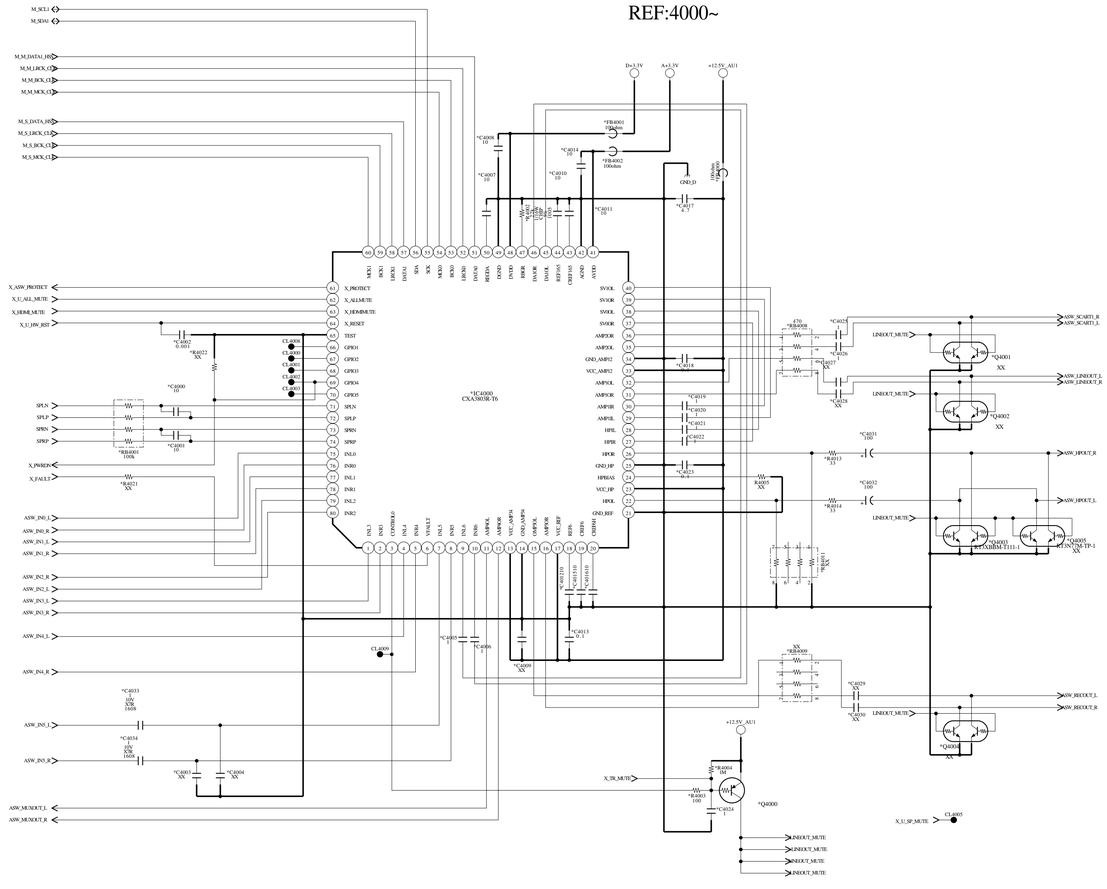


COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

REG+12V
3.15A
F3700 3.15A 24V
C3762 XX
C3703 0.1 50V X7R 1608
L3700 2.2uH VLC5045-2R2N 14577301
+3.3V_MAIN
JL3711 JL3712
Q3700 MP6K61FPFTR
C3713 22 6.3V X6S 2012
C3716 22 6.3V X6S 2012
C3717 22 6.3V X6S 2012
R3808 XX
C3763 XX
C3707 10 16V X6S 3216
JL3701
IC3700 BD9540EFV-SE2
R3758 XX
U_PWR_CTRL_3.3V
U_PWR_CTRL_1.0V
POWER+6V
POWER+5V
R3757 XX
R3700 10k 1/16W CHIP 5%
C3701 680P 50V X7R
R3703 3.3k 1/16W RN-CP 0.5%
C3712 0.001 50V X7R
R3705 10k 1/16W RN-CP 0.5%
C3700 680P 50V X7R
R3702 10k 1/16W RN-CP 0.5%
C3714 0.001 50V X7R
R3721 220 1/16W RN-CP 0.5%
R3704 4.7k 1/16W RN-CP 0.5%
C3704 4.7 16V X6S 2012
C3711 4.7 6.3V X6S 1608
C3706 XX
R3706 100k 1/16W CHIP
R3707 47k 1/16W CHIP
C3710 XX
C3702 0.1 50V X7R 1608
Q3701 RP1E100RNFPFTR
L3701 1.0uH VLC5045-1R0N 145786411
D+1.05V
JL3713 JL3714
C3709 10 16V X6S 3216
C3708 10 16V X6S 3216
Q3702 RP1E100RNEPFTR
C3715 22 6.3V X6S 2012
C3718 22 6.3V X6S 2012
C3721 22 6.3V X6S 2012
C3727 XX
C3730 XX
JL3702
GND_D

IC3703 MM3404A10NRE
PLL+1.05V
R3751 XX
D+1.05V
JL3719 JL3720
U_PWR_CTRL_1.0V
C3720 6.3V X6S
C3726 1 6.3V X6S 1005
JL3704

IC3702 S-1132B18-M5T1G
A+1.8V
R3752 XX
DDR2_+1.8V
JL3717 JL3718
U_PWR_CTRL_DDR2
C3725 0.1 16V X7R 1005
C3719 0.1 16V X7R 1005
JL3703

R3753 XX
R3754 XX
JL3715 JL3716
D+3.3V
Q3703 RTQ035P02TR
C3723 1 6.3V X6S 1005
R3719 4.7k 1/16W CHIP
C3724 XX
R3714 15 1/16W CHIP 5%
U_PWR_CTRL_3.3V
Q3704 DRC5114E0L
XX R3756
RB3701 XX
Q3706 XX
R3810 XX

STBY_+3.3V
+12.5V
JL3805
JL3807
JL3802
JL3804
JL3806
JL3803
C3800 0.1 16V X7R 1005
GND_AU
REG+12V
C3807 0.01 25V X7R 1005
C3803 XX
PANEL_VCC_SW
FB3800 XX
C3805 XX
C3804 0.1
GND_D
CN380D 8P 182160711
STBY_+3.3V 1
AUDIO+12.5V 2
AUDIO+12.5V_GND 3
REG+12.5V_GND 4
REG+12.5V_GND 5
REG+12.5V 6
REG+12.5V 7
*-CON_VCC(12.5V/5V) 8

+5V_MAIN
D+3.3V
RB3800 10k
DC_ALERT
R3801 XX
R3808 100k 1/16W CHIP 5%
C3806 XX 25V X7R 1005
Q3800 RT3N11M-TP-1

+5V_MAIN
A+3.3V
R3755 XX
D+3.3V
JL3721 JL3722
IC3705 NJM2878F3-33 (TE2)
C3722 0.1 16V X7R 1005
C3728 1 6.3V X6S 1005
U_PWR_CTRL_3.3V
JL3705

BAL 22/24

3.15A
F3702 XX
C3742 XX
IC3704 XX
U_PWR_CTRL_1.0V
R3731 XX
C3744 XX
C3745 XX
C3747 XX
C3748 XX
R3735 XX
R3736 XX
R3733 XX
C3746 XX
R3734 XX
R3737 XX
R3738 XX
L3703 XX
EO+1.2V
JL3723 JL3724
C3749 XX
C3750 XX

3.15A
F3701 3.15A 24V
*C3705 XX
C3708 10 16V X6S 3216
C3729 10 16V X6S 3216
C3731 10 16V X6S 3216
IC3701 BD95503MUV-E2
U_POWER2
C3733 0.1 50V X7R 1608
C3737 XX
R3727 33k 1/16W RN-CP 0.5%
R3728 15k 1/16W RN-CP 0.5%
C3734 XX
C3736 XX
R3722 68k 1/16W RN-CP 0.5%
C3735 2.2 10V X7R 2012
R3723 5.6k 1/16W RN-CP 0.5%
L3702 4.7uH NR5040T-4R7N 145787311
+5V_MAIN
JL3731 JL3732
C3738 22 6.3V X6S 2012
C3739 22 6.3V X6S 2012
C3741 XX

3.15A
F3703 3.15A 24V
C3764 XX
C3759 10 16V X6S 3216
IC3706 BD95503MUV-E2
U_PWR_CTRL_DDR2
C3752 0.1 50V X7R 1608
C3756 XX
R3742 4.7k 1/16W CHIP 5%
C3753 XX
C3755 XX
R3740 47k 1/16W CHIP 5%
C3754 2.2 10V X7R 2012
R3741 3.3k 1/16W RN-CP 0.5%
L3704 2.2uH FLF3215T-2R2M 14578663
DDR2_+1.8V
JL3706 JL3707
FOR EMI
*C3808 XX 50V CH 1005
C3759 XX
C3757 22 6.3V X6S 2012
C3758 22 6.3V X6S 2012

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

Main Micon from CAM
TS to CAM

M_CMDO[0-7]
M_CMDI[0-7]

M_CI_ENB
M_GCSB0
M_GOE
M_CI_IORDB
M_CI_IOWRB
M_GWEB
X_M_CI_RSTM_SCI_CMDV
M_CI_CREGB/X_M_SCI_RST
M_CI_REQB
M_GRDYB

M_GADD[0-14]
M_GADD[14]
M_GADD[13]
M_GADD[12]
M_GADD[11]
M_GADD[10]
M_GADD[9]
M_GADD[8]
M_GADD[7]
M_GADD[6]
M_GADD[5]
M_GADD[4]
M_GADD[3]
M_GADD[2]
M_GADD[1]
M_GADD[0]

M_CAM_RSTB
M_CAM_OEB
M_CAM_CE1B
M_CAM_IORDB
M_CAM_IOWRB
M_CAM_REGB
M_CAM_WEB
M_CAM_WAITB

M_CAM_ADD[14]
M_CAM_ADD[13]
M_CAM_ADD[12]
M_CAM_ADD[11]
M_CAM_ADD[10]
M_CAM_ADD[9]
M_CAM_ADD[8]
M_CAM_ADD[7]
M_CAM_ADD[6]
M_CAM_ADD[5]
M_CAM_ADD[4]
M_CAM_ADD[3]
M_CAM_ADD[2]
M_CAM_ADD[1]
M_CAM_ADD[0]

M_CAM_DAT[7]
M_CAM_DAT[6]
M_CAM_DAT[5]
M_CAM_DAT[4]
M_CAM_DAT[3]
M_CAM_DAT[2]
M_CAM_DAT[1]
M_CAM_DAT[0]

M_CMDI[0]
M_CMDI[1]
M_CMDI[2]
M_CMDI[3]
M_CMDI[4]
M_CMDI[5]
M_CMDI[6]
M_CMDI[7]
M_CMDI_STRT
M_CMDI_VAL
M_CMDI_CLK

M_CMDO[0]
M_CMDO[1]
M_CMDO[2]
M_CMDO[3]
M_CMDO[4]
M_CMDO[5]
M_CMDO[6]
M_CMDO[7]
M_CMDO_CLK
M_CMDO_VAL
M_CMDO_STRT

M_CI_CD2B
M_CI_CD1B
M_CI_VS1B
M_CI_OVRB
M_CI_PWR_EN

M_GDQ[0-7]
M_GDQ[7]
M_GDQ[6]
M_GDQ[5]
M_GDQ[4]
M_GDQ[3]
M_GDQ[2]
M_GDQ[1]
M_GDQ[0]

D+3.3V
+5V_MAIN
5V SWITCH
GND_D

*IC2702 *IC2704 *IC2705 *IC2700 *IC2709
TC74LCX245FK
671452301
MIC2005A-1YM6
0.5A CUTOFF
671515401

*C2702 *C2704 *C2705 *C2700 *C2708 *C2707 0.1
*C2709 XX
*C2710 0.1
*R2716 1K
*R2717 47
*R2711 100
*RB2707 47
*RB2709 XX
*RB2710 XX
*RB2711 XX
*RB2712 XX
*RB2713 100
*RB2700 47
*RB2701 10K
*RB2702 XX
*RB2703 100
*RB2704 XX
*RB2705 XX
*RB2706 XX
R2700 XX
R2701 XX
R2708 XX
*R2707 4.7K
*R2712 4.7K
*R2713 4.7K
*R2714 4.7K
*R2715 4.7K
*FB2700 0uH
*R2718 15
JL2700
JL2701
*CN2700
1622257031

PCMCIA DVB-CI CONNECTOR

CTRL to/from CAM
ADDR to CAM
DATA to/from CAM

BAL 23/24

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

BAL-AZ1L

DC_DET

PWR_DWN_1

Hotel Connector

Temp Sensor

To EEPROM

To LED

To PANEL

To PANEL

PANEL LESS

For Flash Programming

RS099
SCT/CVT: M*t
MVT: No M*t

<< STBY3.3V >>

EEPROM
M24C32-WMN6TJB
IC1008

For TL-EX1 Board

1	GND
2	TWM_TXD
3	TWM_RXD
4	RESET
5	STBY_+3.3V
6	MODE_TWM
7	OPT_RXD
8	NC(MOD)
9	PQCu/PERM_RXD
10	PQCu/PERM_TXD
11	GND
12	OPT_TXD
13	ECS_MATRIX
14	STBY_+3.3V
15	MODE_PEM
16	MIMAS_RXD
17	MIMAS_TXD
18	GND

for ECS

for MIMAS programming

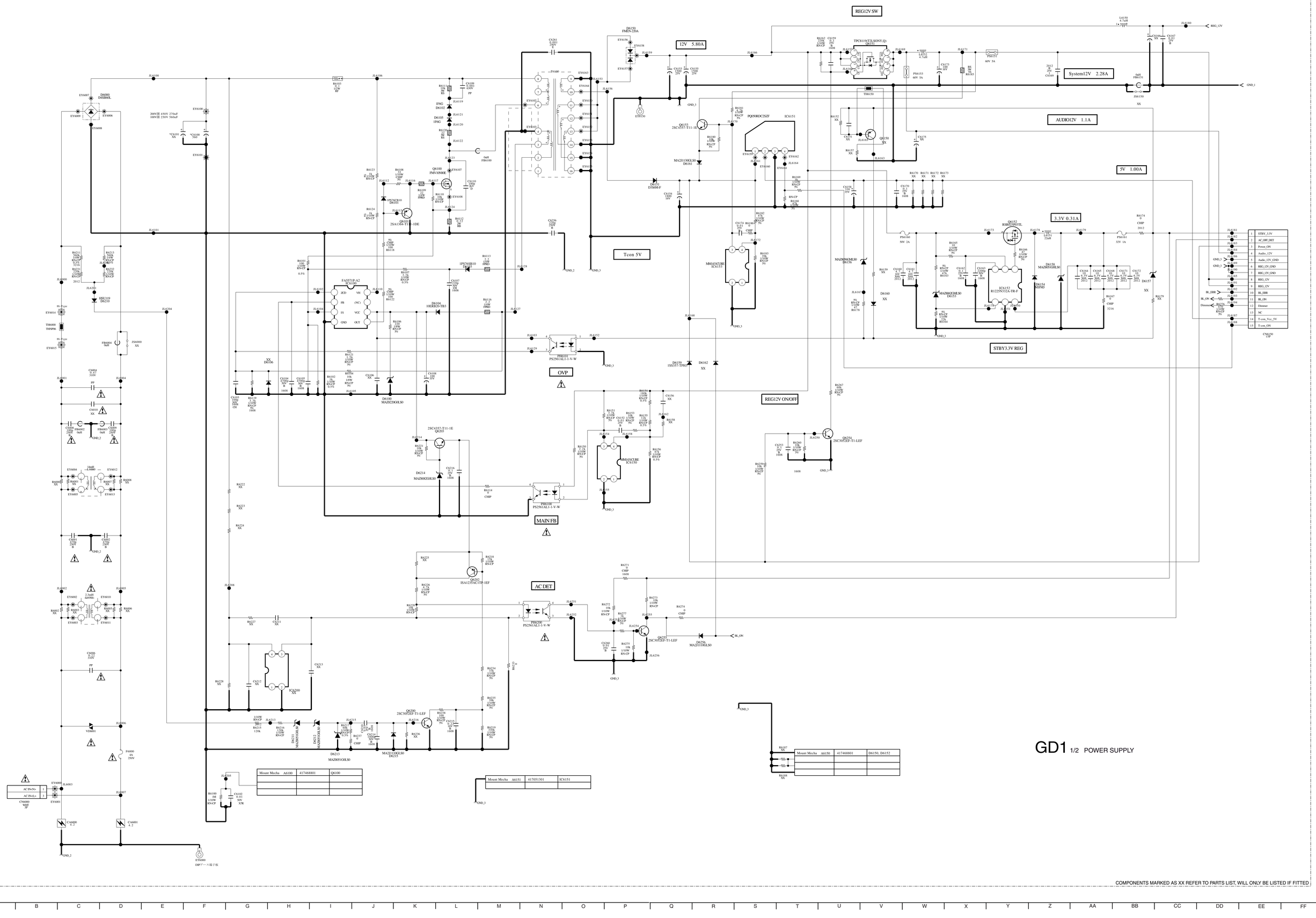
BAL/BAH board: to CN5100, sheet26
BEHS/BUHS board: to CN5500, sheet25

基板識別用抵抗

(NAND Logic)

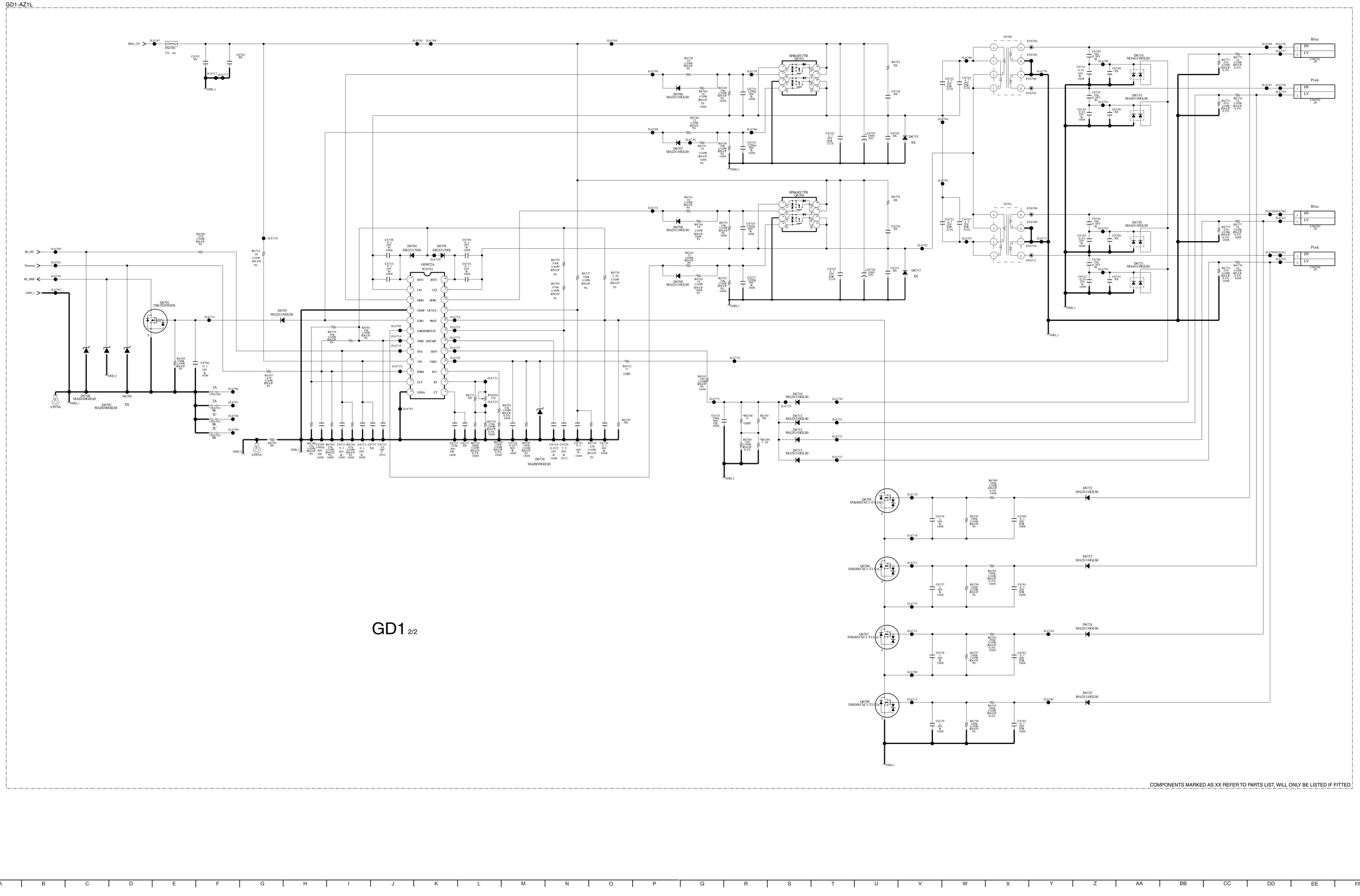
BAL 24/24

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED



GD1 1/2 POWER SUPPLY

GD1-AZ1L



COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

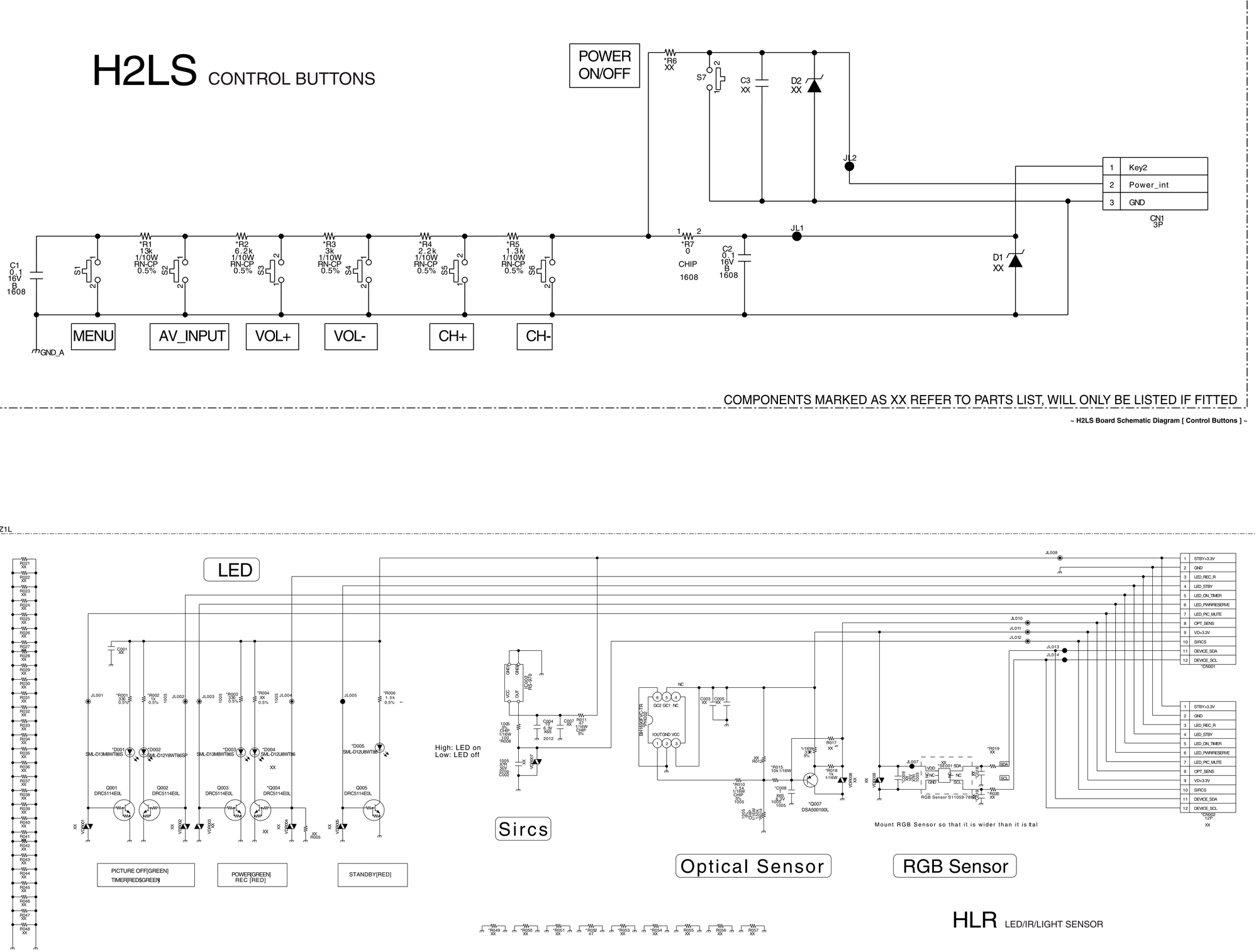
H2LS-AZ1L

H2LS CONTROL BUTTONS

COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

~ H2LS Board Schematic Diagram [Control Buttons] ~

HLR-AZ1L

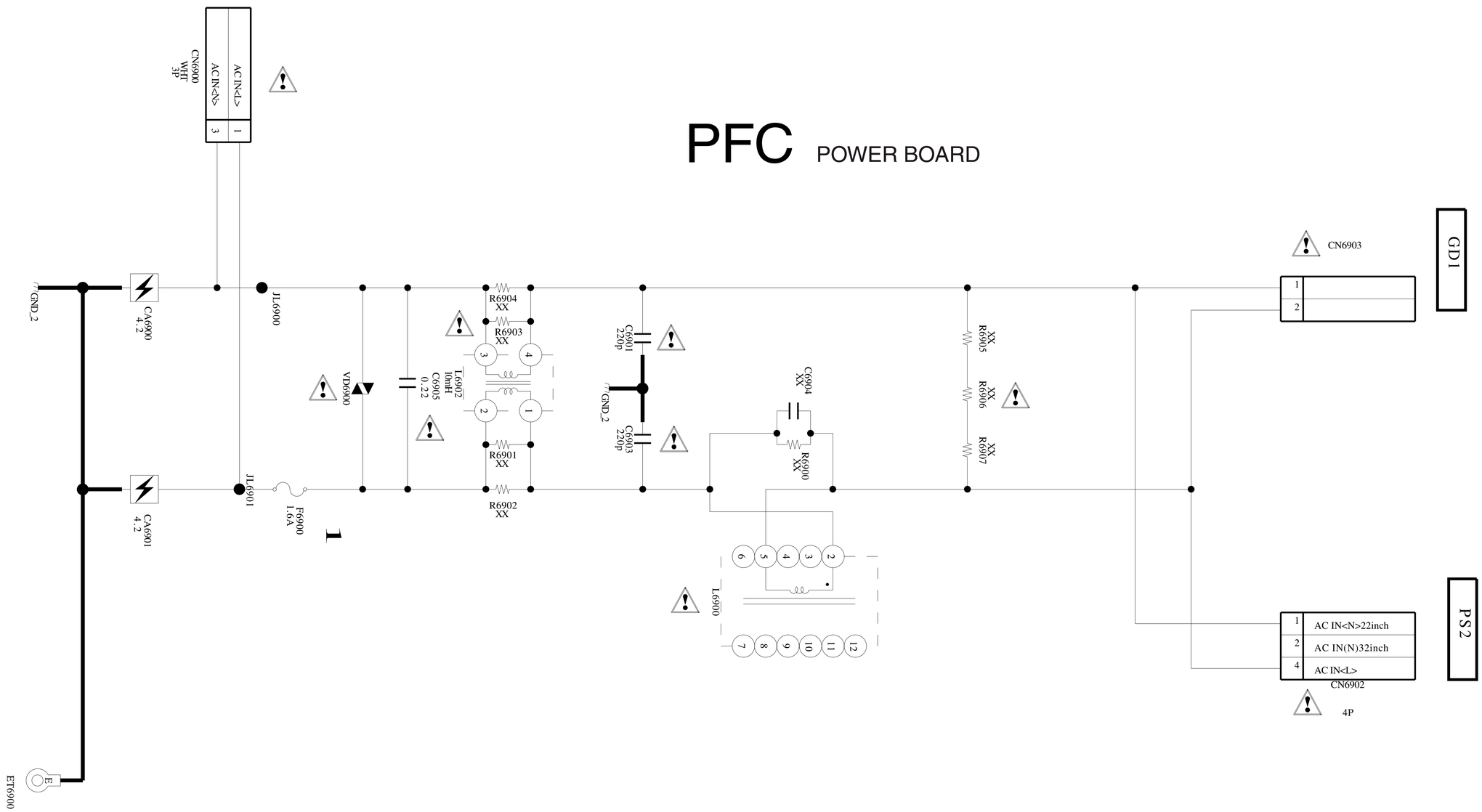


COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

~ HLR Board Schematic Diagram [LED/IR/Light Sensor] ~

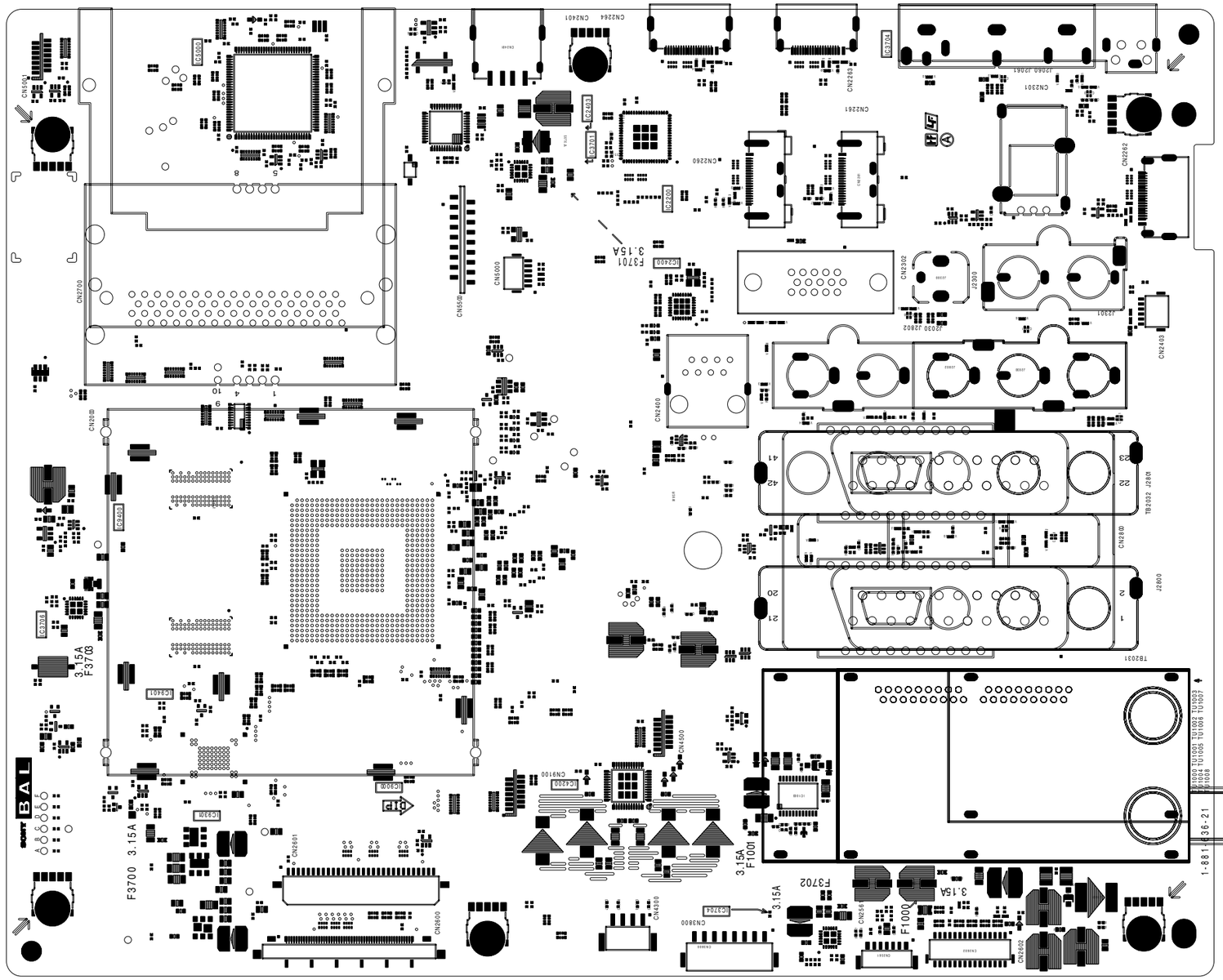
PFC-AZ1L

PFC POWER BOARD

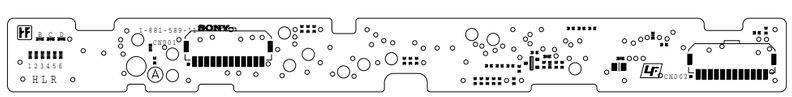


COMPONENTS MARKED AS XX REFER TO PARTS LIST, WILL ONLY BE LISTED IF FITTED

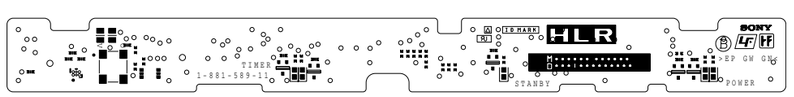
~ BAL Printed Wiring Board Side A ~



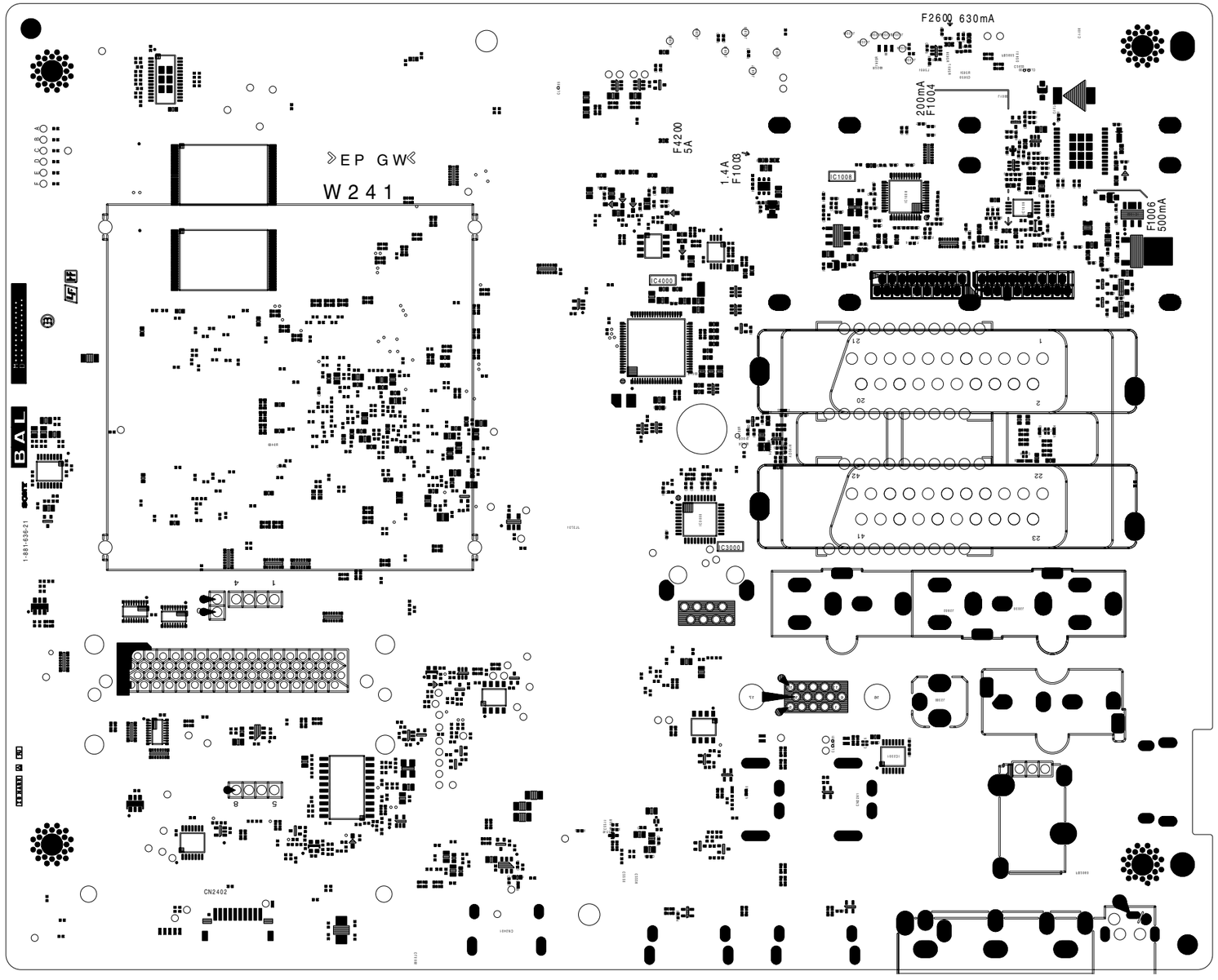
~ HLR Printed Wiring Board Side A ~



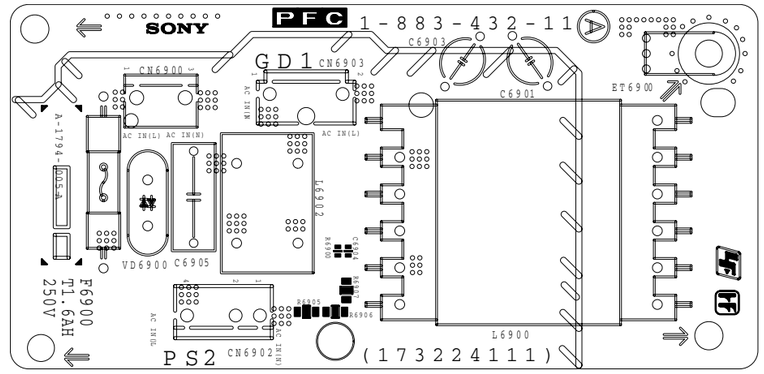
~ HLR Printed Wiring Board Side B ~



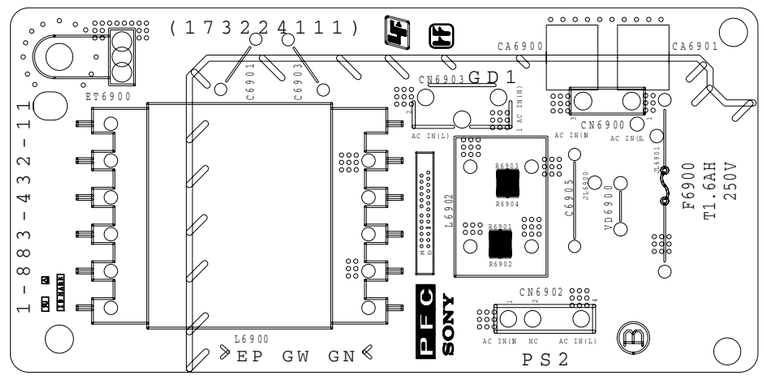
~ BAL Printed Wiring Board Side B ~



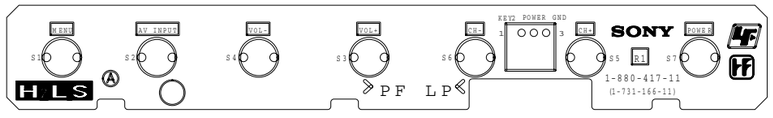
~ PFC Printed Wiring Board Side A ~



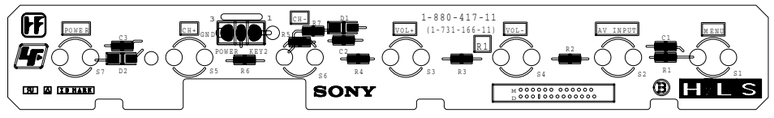
~ PFC Printed Wiring Board Side B ~



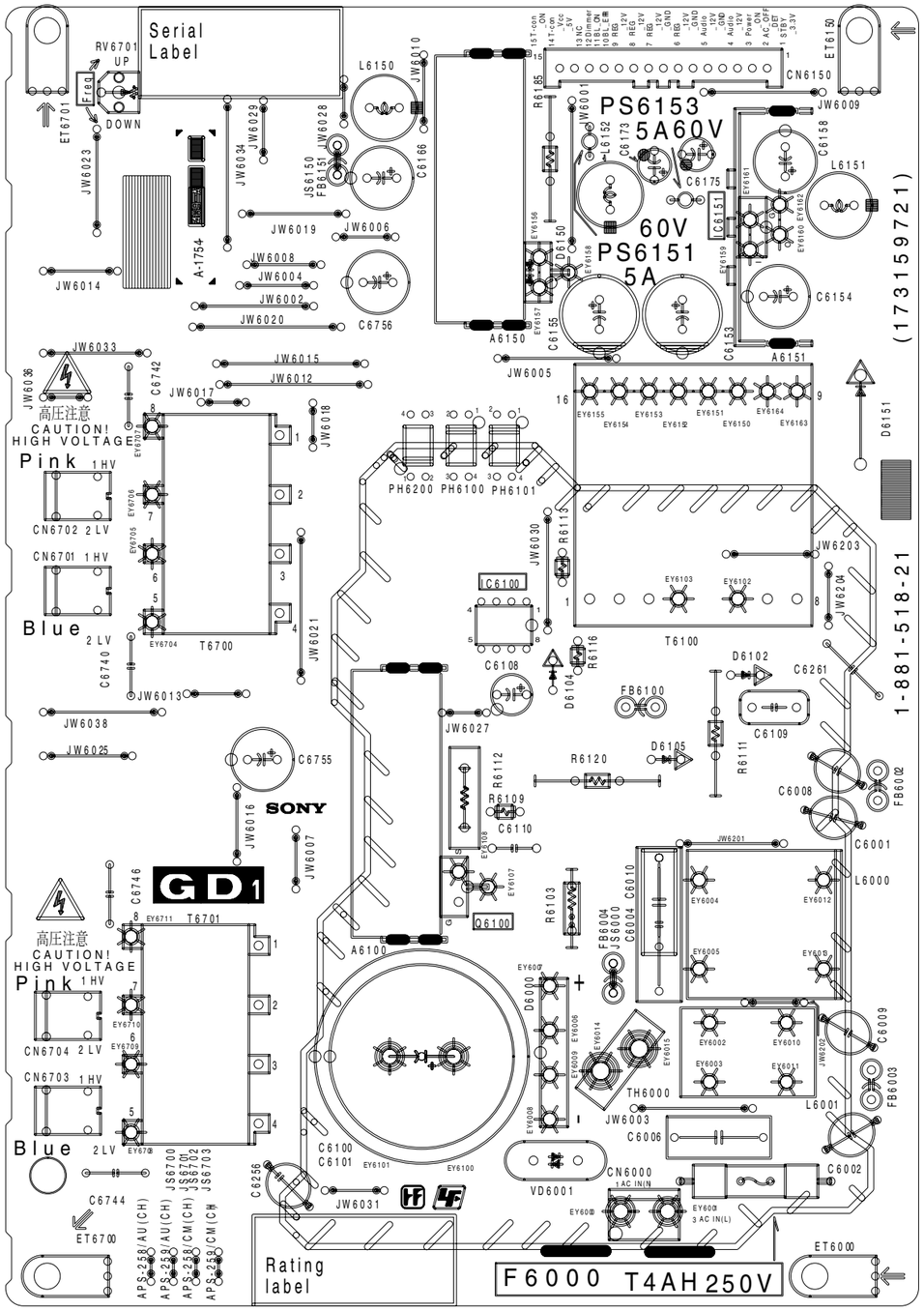
~ H2LS Printed Wiring Board Side A ~

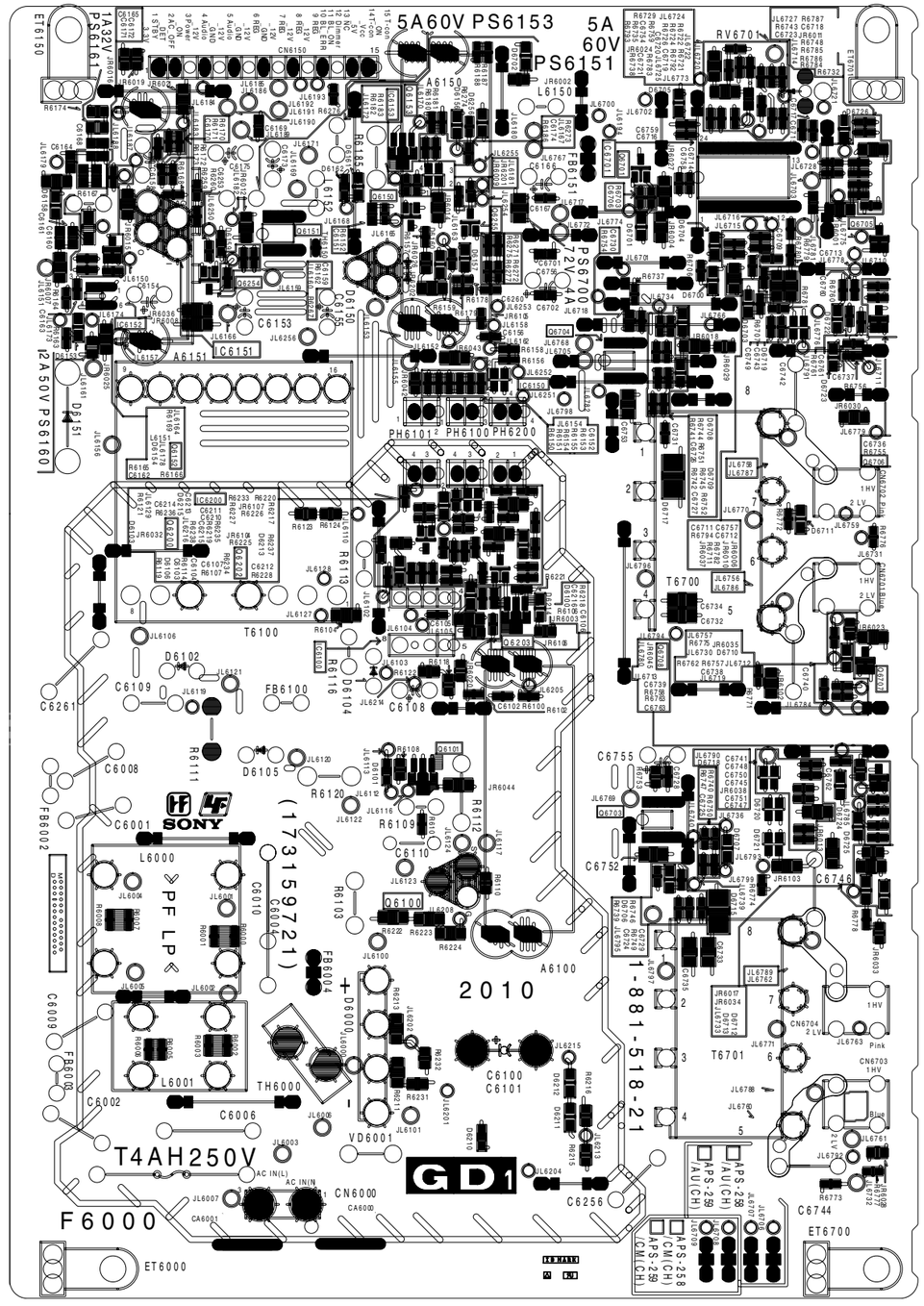


~ H2LS Printed Wiring Board Side B ~



~ GD1 Printed Wiring Board ~





SECTION 2: ELECTRICAL PARTS LIST

PARTS LISTING TABLE OF CONTENTS

	Page
BAL BOARD Parts List :	39
GD1 BOARD Parts List :	60
H2LS BOARD Parts List :	60
HLR BOARD Parts List :	61
PFC BOARD Parts List :	61

Note: To ensure safety and reliability it is Sony policy that power supply boards should not be repaired in the field. As a result these boards are regarded as non service items for exchange only and are not indicated in the parts list of this service manual.

Note : The components identified by mark 🔒 contain confidential information. Strictly follow the instructions when ever the components are repaired and/or replaced.

REF.NO.	PART.NO	DESCRIPTION		
🔒 **A-1798-464-A BAL Board**				
C1002	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C1007	1-112-778-11	CERAMIC CHIP 0.022UF	10%	25V
C1011	1-112-776-11	CERAMIC CHIP 0.0047UF	10%	50V
C1017	1-112-775-11	CERAMIC CHIP 0.0022UF	10%	50V
C1019	1-114-326-11	CERAMIC CHIP 0.22UF	10%	25V
C1020	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C1022	1-114-870-11	CERAMIC CHIP 4.7UF	10%	16V
C1024	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C1025	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1026	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C1027	1-114-870-11	CERAMIC CHIP 4.7UF	10%	16V
C1028	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1030	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1031	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C1038	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C1041	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V
C1044	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V
C1047	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C1048	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C1049	1-164-866-11	CERAMIC CHIP 47PF	5.00%	50V
C1050	1-164-866-11	CERAMIC CHIP 47PF	5.00%	50V
C1051	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C1052	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C1053	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1054	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1055	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1056	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1057	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C1058	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C1059	1-114-869-11	CERAMIC CHIP 2.2UF	10%	6.3V
C1060	1-164-852-11	CERAMIC CHIP 12PF	5.00%	50V
C1061	1-164-852-11	CERAMIC CHIP 12PF	5.00%	50V
C1062	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1063	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1064	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1065	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1066	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1067	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C1068	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1069	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C1093	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C1094	1-114-813-11	CERAMIC CHIP 1UF	10%	16V
C1095	1-164-862-11	CERAMIC CHIP 33PF	5.00%	50V
C1097	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C1099	1-114-813-11	CERAMIC CHIP 1UF	10%	16V

REF.NO.	PART.NO	DESCRIPTION
C1100	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C1101	1-114-813-11	CERAMIC CHIP 1UF 10% 16V
C1102	1-164-862-11	CERAMIC CHIP 33PF 5.00% 50V
C1110	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C1111	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C1112	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C2060	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C2061	1-114-365-11	CAP, CERAMIC 1000PF X7R (1410)
C2063	1-114-353-11	CAP, CERAMIC 0.01MF X7R (1410)
C2064	1-112-068-11	CERAMIC CHIP 220PF 10% 50V
C2065	1-112-068-11	CERAMIC CHIP 220PF 10% 50V
C2066	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C2067	1-112-781-11	CERAMIC CHIP 1UF 10% 10V
C2068	1-112-781-11	CERAMIC CHIP 1UF 10% 10V
C2200	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C2201	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2208	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2210	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2211	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2216	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2217	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2218	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2220	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2224	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2226	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2227	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2228	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2273	1-164-862-11	CERAMIC CHIP 33PF 5.00% 50V
C2274	1-164-862-11	CERAMIC CHIP 33PF 5.00% 50V
C2275	1-164-862-11	CERAMIC CHIP 33PF 5.00% 50V
C2276	1-164-862-11	CERAMIC CHIP 33PF 5.00% 50V
C2277	1-164-862-11	CERAMIC CHIP 33PF 5.00% 50V
C2300	1-114-365-11	CAP, CERAMIC 1000PF X7R (1410)
C2301	1-114-365-11	CAP, CERAMIC 1000PF X7R (1410)
C2302	1-112-781-11	CERAMIC CHIP 1UF 10% 10V
C2303	1-112-781-11	CERAMIC CHIP 1UF 10% 10V
C2304	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2305	1-114-519-11	CAP, CERAMIC 100PF CH (1410)
C2307	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2308	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2402	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C2406	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2407	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2408	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2409	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2412	1-164-874-11	CERAMIC CHIP 100PF 5.00% 50V
C2415	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V

REF.NO.	PART.NO	DESCRIPTION
C2417	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C2426	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2435	1-114-332-11	CERAMIC CHIP 22UF 10% 6.3V
C2437	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2441	1-164-850-11	CERAMIC CHIP 10PF 0.50PF 50V
C2442	1-164-850-11	CERAMIC CHIP 10PF 0.50PF 50V
C2560	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2561	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C2567	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C2568	1-114-870-11	CERAMIC CHIP 4.7UF 10% 16V
C2572	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C2617	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2618	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C2620	1-164-874-11	CERAMIC CHIP 100PF 5.00% 50V
C2622	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2623	1-112-776-11	CERAMIC CHIP 0.0047UF 10% 50V
C2624	1-112-776-11	CERAMIC CHIP 0.0047UF 10% 50V
C2625	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2700	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2702	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2704	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2705	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2707	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2709	1-114-870-11	CERAMIC CHIP 4.7UF 10% 16V
C2710	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C2801	1-114-365-11	CAP, CERAMIC 1000PF X7R (1410)
C2808	1-114-365-11	CAP, CERAMIC 1000PF X7R (1410)
C2809	1-114-365-11	CAP, CERAMIC 1000PF X7R (1410)
C2814	1-112-781-11	CERAMIC CHIP 1UF 10% 10V
C2815	1-112-781-11	CERAMIC CHIP 1UF 10% 10V
C2816	1-114-365-11	CAP, CERAMIC 1000PF X7R (1410)
C2819	1-114-365-11	CAP, CERAMIC 1000PF X7R (1410)
C2820	1-114-410-21	CERAMIC CHIP 680PF 2% 50V
C2823	1-112-781-11	CERAMIC CHIP 1UF 10% 10V
C2824	1-112-781-11	CERAMIC CHIP 1UF 10% 10V
C2841	1-114-870-11	CERAMIC CHIP 4.7UF 10% 16V
C2843	1-112-781-11	CERAMIC CHIP 1UF 10% 10V
C2844	1-112-781-11	CERAMIC CHIP 1UF 10% 10V
C3002	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C3009	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C3012	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C3014	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C3016	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C3017	1-114-870-11	CERAMIC CHIP 4.7UF 10% 16V
C3021	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C3700	1-116-400-11	CERAMIC CHIP 680PF 10% 50V
C3701	1-116-400-11	CERAMIC CHIP 680PF 10% 50V

REF.NO.	PART.NO	DESCRIPTION		
C3702	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C3703	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C3704	1-114-870-11	CERAMIC CHIP 4.7UF	10%	16V
C3707	1-114-553-11	CERAMIC CHIP 10UF	10%	16V
C3708	1-114-553-11	CERAMIC CHIP 10UF	10%	16V
C3709	1-114-553-11	CERAMIC CHIP 10UF	10%	16V
C3711	1-114-869-11	CERAMIC CHIP 2.2UF	10%	6.3V
C3712	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C3713	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C3714	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C3715	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C3716	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C3717	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C3718	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C3719	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3720	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C3721	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C3722	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3723	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C3725	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3726	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C3728	1-114-130-11	CERAMIC CHIP 1UF	10%	6.3V
C3729	1-114-553-11	CERAMIC CHIP 10UF	10%	16V
C3731	1-114-553-11	CERAMIC CHIP 10UF	10%	16V
C3733	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C3735	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V
C3738	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C3739	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C3751	1-114-553-11	CERAMIC CHIP 10UF	10%	16V
C3752	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C3754	1-112-064-11	CERAMIC CHIP 2.2UF	10%	10V
C3757	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C3758	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C3760	1-114-553-11	CERAMIC CHIP 10UF	10%	16V
C3761	1-114-553-11	CERAMIC CHIP 10UF	10%	16V
C3800	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3804	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C3807	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C3808	1-164-850-11	CERAMIC CHIP 10PF	0.50PF	50V
C4000	1-116-079-11	CERAMIC CHIP 10UF	10%	10V
C4001	1-116-079-11	CERAMIC CHIP 10UF	10%	10V
C4002	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C4005	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4006	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4007	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4008	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4010	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V

REF.NO.	PART.NO	DESCRIPTION		
C4011	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4012	1-116-079-11	CERAMIC CHIP 10UF	10%	10V
C4013	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4014	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C4015	1-116-079-11	CERAMIC CHIP 10UF	10%	10V
C4016	1-116-079-11	CERAMIC CHIP 10UF	10%	10V
C4017	1-114-870-11	CERAMIC CHIP 4.7UF	10%	16V
C4018	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4019	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4020	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4021	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4022	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4023	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4024	1-114-813-11	CERAMIC CHIP 1UF	10%	16V
C4025	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4026	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4027	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4028	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4031	1-135-366-11	ELECT CHIP 100UF	20%	16V
C4032	1-135-366-11	ELECT CHIP 100UF	20%	16V
C4033	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4034	1-112-781-11	CERAMIC CHIP 1UF	10%	10V
C4200	1-114-332-11	CERAMIC CHIP 22UF	10%	6.3V
C4201	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4203	1-114-870-11	CERAMIC CHIP 4.7UF	10%	16V
C4204	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4205	1-100-905-11	CERAMIC CHIP 0.001UF	10%	50V
C4207	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4208	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C4209	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C4211	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C4212	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C4213	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C4214	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C4216	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C4217	1-114-813-11	CERAMIC CHIP 1UF	10%	16V
C4218	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C4220	1-114-329-11	CERAMIC CHIP 0.47UF	10%	50V
C4221	1-114-329-11	CERAMIC CHIP 0.47UF	10%	50V
C4223	1-114-329-11	CERAMIC CHIP 0.47UF	10%	50V
C4224	1-114-329-11	CERAMIC CHIP 0.47UF	10%	50V
C4225	1-112-776-11	CERAMIC CHIP 0.0047UF	10%	50V
C4226	1-112-776-11	CERAMIC CHIP 0.0047UF	10%	50V
C4227	1-112-775-11	CERAMIC CHIP 0.0022UF	10%	50V
C4228	1-114-813-11	CERAMIC CHIP 1UF	10%	16V
C4229	1-114-868-11	CERAMIC CHIP 0.1UF	10%	50V
C4230	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V

REF.NO.	PART.NO	DESCRIPTION
C4231	1-112-779-11	CERAMIC CHIP 0.047UF 10% 25V
C4234	1-112-776-11	CERAMIC CHIP 0.0047UF 10% 50V
C4235	1-112-776-11	CERAMIC CHIP 0.0047UF 10% 50V
C4236	1-112-776-11	CERAMIC CHIP 0.0047UF 10% 50V
C4237	1-112-776-11	CERAMIC CHIP 0.0047UF 10% 50V
C4238	1-114-553-11	CERAMIC CHIP 10UF 10% 16V
C4239	1-114-553-11	CERAMIC CHIP 10UF 10% 16V
C4507	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C4508	1-114-332-11	CERAMIC CHIP 22UF 10% 6.3V
C4509	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C4510	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C4511	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C4512	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C4535	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5004	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C5009	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C5011	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C5013	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5014	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5015	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5018	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5020	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5023	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5024	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5029	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5030	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5032	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5036	1-164-848-11	CERAMIC CHIP 8PF 0.50PF 50V
C5037	1-164-848-11	CERAMIC CHIP 8PF 0.50PF 50V
C5038	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5041	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C5042	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C5048	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C5051	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C5061	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9001	1-164-844-11	CERAMIC CHIP 4PF 0.25PF 50V
C9002	1-164-844-11	CERAMIC CHIP 4PF 0.25PF 50V
C9003	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9301	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C9303	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9304	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9306	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C9312	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9313	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9315	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C9316	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C9408	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V

REF.NO.	PART.NO	DESCRIPTION
C9409	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C9410	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9411	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C9412	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C9414	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C9415	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9416	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C9417	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9418	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C9419	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C9420	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9421	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C9423	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C9429	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C9433	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C9435	1-100-905-11	CERAMIC CHIP 0.001UF 10% 50V
C9436	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9463	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9464	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9466	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9467	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9468	1-164-850-11	CERAMIC CHIP 10PF 0.50PF 50V
C9475	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9477	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9481	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9485	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9487	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9488	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9489	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9490	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9491	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9492	1-164-850-11	CERAMIC CHIP 10PF 0.50PF 50V
C9493	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C9494	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9498	1-164-862-11	CERAMIC CHIP 33PF 5.00% 50V
C9600	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9602	1-164-850-11	CERAMIC CHIP 10PF 0.50PF 50V
C9604	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C9606	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C9607	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C9608	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C9609	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C9610	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C9611	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C9613	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C9614	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C9615	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V

REF.NO.	PART.NO	DESCRIPTION		
C9616	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9617	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9618	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9619	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9620	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9622	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9623	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9624	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9625	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9626	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9627	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9628	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9630	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9632	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9634	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9635	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9636	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9637	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9638	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9639	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V
C9640	1-112-779-11	CERAMIC CHIP 0.047UF	10%	25V
C9641	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C9642	1-164-874-11	CERAMIC CHIP 100PF	5.00%	50V
C9643	1-164-878-11	CERAMIC CHIP 150PF	5%	50V
C9644	1-164-878-11	CERAMIC CHIP 150PF	5%	50V
C9645	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9646	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9647	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9648	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9651	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9652	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9653	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9654	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9655	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9656	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9657	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9660	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9666	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9731	1-112-777-11	CERAMIC CHIP 0.01UF	10%	25V
C9800	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9801	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9802	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9806	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9813	1-100-909-11	CERAMIC CHIP 10UF	10%	6.3V
C9814	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9820	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V
C9822	1-100-916-11	CERAMIC CHIP 0.1UF	10%	16V

Note : The components identified by shading and marked ⚠ are critical for safety. Replace only with the part numbers specified in the parts list.

BAL

REF.NO.	PART.NO	DESCRIPTION
C9823	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9825	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9902	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9903	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9904	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9906	1-114-130-11	CERAMIC CHIP 1UF 10% 6.3V
C9907	1-112-777-11	CERAMIC CHIP 0.01UF 10% 25V
C9908	1-114-869-11	CERAMIC CHIP 2.2UF 10% 6.3V
C9911	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9912	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9914	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C9915	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C9916	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
CN2260	1-822-482-11	HDMI CONNECTOR
CN2261	1-822-482-11	HDMI CONNECTOR
CN2263	1-822-484-11	HDMI CONNECTOR
CN2264	1-822-484-11	HDMI CONNECTOR
CN2301	1-822-525-21	OPTICAL OUT CONNECTOR
CN2302	1-821-827-21	D SUB CONNECTOR
CN2400	1-821-868-11	ETHERNET CONNECTOR (8P)
CN2401	1-821-834-12	USB CONNECTOR
CN2402	1-818-808-51	CONNECTOR, FFC/FPC 10P
CN2561	1-819-475-11	HEADER ASSEMBLY FOR PWB 7P
CN2601	1-842-131-11	FLAT CABLE CONNECTOR 30P
CN2602	1-820-162-11	HEADER ASSEMBLY 30P
CN2700	1-822-579-31	CARD CONNECTOR (PCMCIA CARD)
CN2801	1-842-450-11	CONNECTOR SCART 21P
CN2802	1-838-576-11	CONNECTOR ASSY
CN3800	1-821-607-11	HEADER ASSEMBLY FOR PWB 8P
CN4300	1-819-461-11	HEADER ASSEMBLY FOR PWB 4P
CN5500	1-779-936-51	CONNECTOR, FFC/FPC 18P
D1002	8-719-056-48	DIODE 1SS388(TPL3)
D1006	6-501-119-01	DIODE RR264M-400
D1015	6-501-119-01	DIODE RR264M-400
D2200	6-502-150-01	DI MA2SD320G8S0
D2303	6-502-979-01	DI DA4J104K0L
D2901	6-502-961-01	DI DA2J10100L
D5005	8-719-027-76	DIODE 1SS357-TPH3
⚠ F1004	1-576-647-31	FUSE 0.2A 50V
⚠ F1006	1-576-646-31	FUSE 0.5A 50V
⚠ F3700	1-576-850-31	FUSE 3.15A 24V
⚠ F3701	1-576-850-31	FUSE 3.15A 24V
⚠ F3703	1-576-850-31	FUSE 3.15A 24V
⚠ F4200	1-576-933-31	FUSE 5A 24V
FB1001	1-481-199-21	FERRITE 0UH
FB1005	1-481-199-21	FERRITE 0UH
FB1007	1-481-199-21	FERRITE 0UH

REF.NO.	PART.NO	DESCRIPTION
FB1010	1-481-199-21	FERRITE 0UH
FB1013	1-400-693-21	FERRITE 0UH
FB1014	1-400-693-21	FERRITE 0UH
FB1015	1-481-199-21	FERRITE 0UH
FB1016	1-400-693-21	FERRITE 0UH
FB1019	1-400-693-21	FERRITE 0UH
FB2060	1-481-517-11	FERRITE 0UH
FB2401	1-481-517-11	FERRITE 0UH
FB2404	1-481-517-11	FERRITE 0UH
FB2600	1-481-517-11	FERRITE 0UH
FB2602	1-481-517-11	FERRITE 0UH
FB2700	1-481-517-11	FERRITE 0UH
FB4000	1-400-179-21	FERRITE 0UH
FB4001	1-400-179-21	FERRITE 0UH
FB4002	1-400-179-21	FERRITE 0UH
FB4200	1-400-834-21	FERRITE 0UH
FB4201	1-400-834-21	FERRITE 0UH
FB4202	1-400-834-21	FERRITE 0UH
FB9600	1-400-462-21	FERRITE 0UH
FB9605	1-400-462-21	FERRITE 0UH
FB9730	1-481-517-11	FERRITE 0UH
FB9731	1-481-517-11	FERRITE 0UH
FL2200	1-234-939-21	FILTER, EMI REMOVAL (SMD)
IC1001	6-713-115-01	IC NJM2855DL1-25-TE1
IC1002	6-710-880-01	IC S-1132B33-U5T1G
IC1005	6-714-862-01	IC S-1133B12-U5T1G
IC1006	6-714-065-01	IC BH76206SHFV-TR
IC1008	8-753-332-87	IC CXD2817R-T4
IC1009	8-759-278-58	IC NJM4558V-TE2
IC1011	6-711-947-01	IC MM1431CURE
IC2200	6-715-085-01	IC SII9287B
IC2300	6-710-820-01	IC S-24CS02AFJ-TB-G
IC2301	6-708-132-01	IC 74LVC14APW
IC2400	6-715-016-01	IC KSZ8041RNLTR
IC2402	6-715-164-01	IC TPS2553DBVR
IC2603	6-713-291-01	IC MM3285CNRE
IC2700	6-714-523-01	IC TC74LCX245FK
IC2702	6-714-523-01	IC TC74LCX245FK
IC2704	6-714-523-01	IC TC74LCX245FK
IC2705	6-714-523-01	IC TC74LCX245FK
IC2709	6-715-154-01	IC MIC2005A-1YM6
IC3000	8-753-289-76	IC CXA2241Q-T4
IC3700	6-713-863-01	IC BD9540EFV-SE2
IC3701	6-714-838-01	IC BD95503MUV-E2
IC3702	6-709-512-01	IC S-1132B18-M5T1G
IC3703	6-714-979-01	IC MM3404L10NRE
IC3705	6-711-237-01	IC NJM2878F3-33 (TE2)

REF.NO.	PART.NO	DESCRIPTION
IC3706	6-714-838-01	IC BD95503MUV-E2
IC4000	8-753-333-00	IC CXA3803R-T6
IC4200	6-714-909-01	IC TAS5707PHPR
IC4503	6-712-397-01	IC 74AHC1G08GW-125
IC5000	6-713-820-11	IC MB91F313APMC-G-ERE1
IC5003	6-709-512-01	IC S-1132B18-M5T1G
IC5008	6-704-573-01	IC M24C32-WMN6T(B)
IC5009	6-713-333-11	IC PST8429UL
IC5010	6-712-705-01	IC 74LVC10APW-118
IC9000	6-716-543-01	IC MC-10161BF1-420-PN4-E1-A
IC9002	6-712-397-01	IC 74AHC1G08GW-125
IC9301	6-713-932-11	IC KFM1G16Q2C-AEB8T
IC9304	6-711-239-01	IC NJM2878F3-18 (TE2)
IC9400	6-713-838-01	IC EDE1116AEBG-8E-F-TR
IC9401	6-713-838-01	IC EDE1116AEBG-8E-F-TR
J2060	1-822-581-13	MULTIPLE PHONO JACK 4P
J2300	1-822-528-11	JACK
J2301	1-822-524-21	PHONO JACK 2P
J2802	1-842-096-11	PHONO JACK 5P
L1002	1-481-524-11	INDUCTOR 10UH
L2200	1-457-539-11	INDUCTOR 0UH
L2201	1-457-539-11	INDUCTOR 0UH
L2260	1-457-539-11	INDUCTOR 0UH
L2261	1-457-539-11	INDUCTOR 0UH
L2264	1-457-539-11	INDUCTOR 0UH
L2265	1-457-539-11	INDUCTOR 0UH
L2266	1-457-539-11	INDUCTOR 0UH
L2267	1-457-539-11	INDUCTOR 0UH
L2268	1-457-539-11	INDUCTOR 0UH
L2269	1-457-539-11	INDUCTOR 0UH
L2400	1-457-223-11	INDUCTOR 0UH
L2560	1-457-685-11	INDUCTOR 0UH
L2561	1-457-685-11	INDUCTOR 0UH
L2562	1-457-685-11	INDUCTOR 0UH
L2802	1-469-557-21	INDUCTOR 22UH
L3000	1-469-557-21	INDUCTOR 22UH
L3700	1-457-730-11	INDUCTOR 2.2UH
L3701	1-457-864-11	INDUCTOR 1UH
L3702	1-457-873-11	INDUCTOR 4.7UH
L3704	1-457-866-21	INDUCTOR 2.2UH
L4200	1-457-874-11	INDUCTOR 10UH
L4201	1-457-874-11	INDUCTOR 10UH
L4202	1-457-874-11	INDUCTOR 10UH
L4203	1-457-874-11	INDUCTOR 10UH
L9601	1-469-556-21	INDUCTOR 15UH
L9602	1-469-556-21	INDUCTOR 15UH
L9603	1-400-808-21	FERRITE 0UH

REF.NO.	PART.NO	DESCRIPTION
L9604	1-400-808-21	FERRITE 0UH
L9606	1-400-808-21	FERRITE 0UH
L9607	1-400-808-21	FERRITE 0UH
L9608	1-400-808-21	FERRITE 0UH
L9609	1-400-808-21	FERRITE 0UH
L9610	1-400-808-21	FERRITE 0UH
L9612	1-400-808-21	FERRITE 0UH
L9613	1-400-808-21	FERRITE 0UH
L9616	1-400-808-21	FERRITE 0UH
L9800	1-400-808-21	FERRITE 0UH
L9801	1-400-808-21	FERRITE 0UH
L9802	1-400-808-21	FERRITE 0UH
L9900	1-481-521-11	INDUCTOR 1UH
L9901	1-400-808-21	FERRITE 0UH
L9902	1-400-808-21	FERRITE 0UH
L9903	1-400-808-21	FERRITE 0UH
L9904	1-400-808-21	FERRITE 0UH
Q1001	6-551-321-01	TRANSISTOR RT3WLMM-TP-1F
Q2200	6-552-430-01	TR DRC5114E0L
Q2201	6-552-408-01	TR DSC500100L
Q2800	6-551-272-01	TRANSISTOR RT3CLLM
Q2803	6-552-408-01	TR DSC500100L
Q2804	6-552-408-01	TR DSC500100L
Q3001	6-551-903-01	TR RT3S02M-T111-1
Q3700	6-552-212-01	TR MP6K61FPFTR
Q3701	6-552-457-01	TR RP1E100RNFPFTR
Q3702	6-552-457-01	TR RP1E100RNFPFTR
Q3703	6-550-354-01	TRANSISTOR RTQ035P02TR
Q3704	6-552-430-01	TR DRC5114E0L
Q3800	6-551-690-01	TRANSISTOR RT3N11M-TP-1
Q4000	6-552-411-01	TR DRA5114T0L
Q4003	6-551-943-01	TR RT3XBBM-T111-1
Q5003	6-552-431-01	TR DRC5114T0L
Q5004	6-551-321-01	TRANSISTOR RT3WLMM-TP-1F
Q5005	6-552-430-01	TR DRC5114E0L
Q5008	6-552-411-01	TR DRA5114T0L
Q5011	6-552-436-01	TR DRC5123J0L
Q9300	6-552-430-01	TR DRC5114E0L
Q9305	6-552-430-01	TR DRC5114E0L
Q9306	6-552-484-01	TR RE1C002ZPFU7TL
Q9600	6-552-407-01	TR DSA500100L
Q9601	6-552-407-01	TR DSA500100L
Q9602	6-552-407-01	TR DSA500100L
R1001	1-218-937-11	METAL CHIP 47 5% 1/16W
R1002	1-218-937-11	METAL CHIP 47 5% 1/16W
R1003	1-218-941-81	METAL CHIP 100 5% 1/16W
R1004	1-218-937-11	METAL CHIP 47 5% 1/16W

REF.NO.	PART.NO	DESCRIPTION
R1005	1-218-937-11	METAL CHIP 47 5% 1/16W
R1006	1-218-965-11	METAL CHIP 10K 5% 1/16W
R1007	1-218-941-81	METAL CHIP 100 5% 1/16W
R1017	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R1020	1-218-989-11	METAL CHIP 1M 5% 1/16W
R1022	1-218-959-11	METAL CHIP 3.3K 5% 1/16W
R1026	1-218-959-11	METAL CHIP 3.3K 5% 1/16W
R1027	1-218-959-11	METAL CHIP 3.3K 5% 1/16W
R1029	1-218-965-11	METAL CHIP 10K 5% 1/16W
R1030	1-218-989-11	METAL CHIP 1M 5% 1/16W
R1033	1-218-959-11	METAL CHIP 3.3K 5% 1/16W
R1034	1-218-969-11	METAL CHIP 22K 5% 1/16W
R1048	1-208-937-81	METAL CHIP 120K 0.5% 1/16W
R1049	1-208-863-11	METAL CHIP 100 0.5% 1/16W
R1050	1-218-935-11	METAL CHIP 33 5% 1/16W
R1051	1-208-879-11	METAL CHIP 470 0.5% 1/16W
R1052	1-218-965-11	METAL CHIP 10K 5% 1/16W
R1053	1-218-965-11	METAL CHIP 10K 5% 1/16W
R1054	1-218-949-11	METAL CHIP 470 5% 1/16W
R1055	1-218-941-81	METAL CHIP 100 5% 1/16W
R1056	1-218-941-81	METAL CHIP 100 5% 1/16W
R1057	1-218-941-81	METAL CHIP 100 5% 1/16W
R1058	1-218-941-81	METAL CHIP 100 5% 1/16W
R1060	1-218-957-11	METAL CHIP 2.2K 5% 1/16W
R1061	1-218-941-81	METAL CHIP 100 5% 1/16W
R1062	1-218-941-81	METAL CHIP 100 5% 1/16W
R1063	1-218-957-11	METAL CHIP 2.2K 5% 1/16W
R1084	1-218-941-81	METAL CHIP 100 5% 1/16W
R1085	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R1086	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R1087	1-218-959-11	METAL CHIP 3.3K 5% 1/16W
R1088	1-218-965-11	METAL CHIP 10K 5% 1/16W
R1089	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R1091	1-208-937-81	METAL CHIP 120K 0.5% 1/16W
R1092	1-218-941-81	METAL CHIP 100 5% 1/16W
R1110	1-218-957-11	METAL CHIP 2.2K 5% 1/16W
R1113	1-218-969-11	METAL CHIP 22K 5% 1/16W
R1114	1-218-969-11	METAL CHIP 22K 5% 1/16W
R1118	1-208-915-11	METAL CHIP 15K 0.5% 1/16W
R1119	1-218-965-11	METAL CHIP 10K 5% 1/16W
R2060	1-211-990-11	METAL CHIP 75 0.5% 1/10W
R2221	1-218-970-11	METAL CHIP 27K 5% 1/16W
R2230	1-218-929-11	METAL CHIP 10 5% 1/16W
R2236	1-218-965-11	METAL CHIP 10K 5% 1/16W
R2243	1-218-945-11	METAL CHIP 220 5% 1/16W
R2244	1-208-859-81	METAL CHIP 68 0.5% 1/16W
R2260	1-218-929-11	METAL CHIP 10 5% 1/16W

REF.NO.	PART.NO	DESCRIPTION
R2261	1-218-929-11	METAL CHIP 10 5% 1/16W
R2269	1-218-929-11	METAL CHIP 10 5% 1/16W
R2272	1-218-929-11	METAL CHIP 10 5% 1/16W
R2285	1-218-941-81	METAL CHIP 100 5% 1/16W
R2286	1-218-941-81	METAL CHIP 100 5% 1/16W
R2287	1-218-941-81	METAL CHIP 100 5% 1/16W
R2289	1-218-941-81	METAL CHIP 100 5% 1/16W
R2300	1-218-953-11	METAL CHIP 1K 5% 1/16W
R2301	1-218-977-11	METAL CHIP 100K 5% 1/16W
R2405	1-245-567-81	METAL CHIP 49.9 0.5% 1/16W
R2407	1-245-567-81	METAL CHIP 49.9 0.5% 1/16W
R2410	1-218-953-11	METAL CHIP 1K 5% 1/16W
R2411	1-218-937-11	METAL CHIP 47 5% 1/16W
R2413	1-250-271-81	METAL CHIP 6.49K 0.5% 1/16W
R2415	1-218-947-11	METAL CHIP 330 5% 1/16W
R2418	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R2419	1-245-567-81	METAL CHIP 49.9 0.5% 1/16W
R2421	1-245-567-81	METAL CHIP 49.9 0.5% 1/16W
R2423	1-218-970-11	METAL CHIP 27K 5% 1/16W
R2425	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R2500	1-218-973-11	METAL CHIP 47K 5% 1/16W
R2505	1-218-953-11	METAL CHIP 1K 5% 1/16W
R2507	1-218-965-11	METAL CHIP 10K 5% 1/16W
R2561	1-218-973-11	METAL CHIP 47K 5% 1/16W
R2565	1-218-941-81	METAL CHIP 100 5% 1/16W
R2567	1-218-965-11	METAL CHIP 10K 5% 1/16W
R2569	1-218-957-11	METAL CHIP 2.2K 5% 1/16W
R2570	1-218-990-81	SHORT CHIP 0
R2595	1-218-965-11	METAL CHIP 10K 5% 1/16W
R2596	1-208-935-11	METAL CHIP 100K 0.5% 1/16W
R2597	1-208-923-11	METAL CHIP 33K 0.5% 1/16W
R2607	1-208-927-11	METAL CHIP 47K 0.5% 1/16W
R2631	1-218-941-81	METAL CHIP 100 5% 1/16W
R2635	1-218-965-11	METAL CHIP 10K 5% 1/16W
R2647	1-218-990-81	SHORT CHIP 0
R2704	1-218-965-11	METAL CHIP 10K 5% 1/16W
R2711	1-218-941-81	METAL CHIP 100 5% 1/16W
R2716	1-218-953-11	METAL CHIP 1K 5% 1/16W
R2717	1-218-937-11	METAL CHIP 47 5% 1/16W
R2718	1-218-953-11	METAL CHIP 1K 5% 1/16W
R2719	1-218-957-11	METAL CHIP 2.2K 5% 1/16W
R2822	1-218-990-81	SHORT CHIP 0
R2825	1-208-860-81	METAL CHIP 75 0.5% 1/16W
R2833	1-218-990-81	SHORT CHIP 0
R2834	1-218-990-81	SHORT CHIP 0
R2835	1-218-990-81	SHORT CHIP 0
R2840	1-218-990-81	SHORT CHIP 0

REF.NO.	PART.NO	DESCRIPTION
R2848	1-208-715-11	METAL CHIP 22K 0.5% 1/16W
R2849	1-208-860-81	METAL CHIP 75 0.5% 1/16W
R2851	1-208-913-11	METAL CHIP 12K 0.5% 1/16W
R2859	1-208-715-11	METAL CHIP 22K 0.5% 1/16W
R2860	1-208-913-11	METAL CHIP 12K 0.5% 1/16W
R2865	1-211-990-11	METAL CHIP 75 0.5% 1/10W
R2868	1-211-990-11	METAL CHIP 75 0.5% 1/10W
R2869	1-208-887-11	METAL CHIP 1K 0.5% 1/16W
R2884	1-218-953-11	METAL CHIP 1K 5% 1/16W
R2886	1-218-953-11	METAL CHIP 1K 5% 1/16W
R2887	1-218-941-81	METAL CHIP 100 5% 1/16W
R2888	1-218-941-81	METAL CHIP 100 5% 1/16W
R2894	1-218-990-81	SHORT CHIP 0
R2895	1-218-990-81	SHORT CHIP 0
R2920	1-211-990-11	METAL CHIP 75 0.5% 1/10W
R2921	1-211-990-11	METAL CHIP 75 0.5% 1/10W
R3008	1-208-905-11	METAL CHIP 5.6K 0.5% 1/16W
R3010	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R3700	1-218-965-11	METAL CHIP 10K 5% 1/16W
R3701	1-208-943-11	METAL CHIP 220K 0.5% 1/16W
R3702	1-208-913-11	METAL CHIP 12K 0.5% 1/16W
R3703	1-208-899-11	METAL CHIP 3.3K 0.5% 1/16W
R3704	1-208-903-11	METAL CHIP 4.7K 0.5% 1/16W
R3705	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R3706	1-218-977-11	METAL CHIP 100K 5% 1/16W
R3707	1-218-973-11	METAL CHIP 47K 5% 1/16W
R3713	1-218-961-11	METAL CHIP 4.7K 5% 1/16W
R3714	1-218-953-11	METAL CHIP 1K 5% 1/16W
R3719	1-208-715-11	METAL CHIP 22K 0.5% 1/16W
R3721	1-208-871-81	METAL CHIP 220 0.5% 1/16W
R3722	1-208-931-11	METAL CHIP 68K 0.5% 1/16W
R3723	1-208-905-11	METAL CHIP 5.6K 0.5% 1/16W
R3727	1-208-923-11	METAL CHIP 33K 0.5% 1/16W
R3728	1-208-887-11	METAL CHIP 1K 0.5% 1/16W
R3740	1-218-973-11	METAL CHIP 47K 5% 1/16W
R3741	1-208-899-11	METAL CHIP 3.3K 0.5% 1/16W
R3742	1-208-903-11	METAL CHIP 4.7K 0.5% 1/16W
R3808	1-218-977-11	METAL CHIP 100K 5% 1/16W
R4002	1-218-969-11	METAL CHIP 22K 5% 1/16W
R4003	1-218-941-81	METAL CHIP 100 5% 1/16W
R4004	1-218-989-11	METAL CHIP 1M 5% 1/16W
R4013	1-218-935-11	METAL CHIP 33 5% 1/16W
R4014	1-218-935-11	METAL CHIP 33 5% 1/16W
R4201	1-208-713-11	METAL CHIP 18K 0.5% 1/16W
R4202	1-218-953-11	METAL CHIP 1K 5% 1/16W
R4205	1-218-949-11	METAL CHIP 470 5% 1/16W
R4206	1-218-949-11	METAL CHIP 470 5% 1/16W

REF.NO.	PART.NO	DESCRIPTION
R4207	1-218-969-11	METAL CHIP 22K 5% 1/16W
R4212	1-218-965-11	METAL CHIP 10K 5% 1/16W
R4500	1-218-965-11	METAL CHIP 10K 5% 1/16W
R4503	1-218-937-11	METAL CHIP 47 5% 1/16W
R4514	1-218-990-81	SHORT CHIP 0
R4517	1-218-990-81	SHORT CHIP 0
R5003	1-208-931-11	METAL CHIP 68K 0.5% 1/16W
R5004	1-208-907-11	METAL CHIP 6.8K 0.5% 1/16W
R5007	1-208-915-11	METAL CHIP 15K 0.5% 1/16W
R5009	1-218-977-11	METAL CHIP 100K 5% 1/16W
R5010	1-218-973-11	METAL CHIP 47K 5% 1/16W
R5019	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5020	1-218-941-81	METAL CHIP 100 5% 1/16W
R5021	1-218-949-11	METAL CHIP 470 5% 1/16W
R5025	1-218-937-11	METAL CHIP 47 5% 1/16W
R5030	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5031	1-218-953-11	METAL CHIP 1K 5% 1/16W
R5033	1-208-923-11	METAL CHIP 33K 0.5% 1/16W
R5035	1-245-604-11	METAL CHIP 10M 5% 1/16W
R5037	1-218-953-11	METAL CHIP 1K 5% 1/16W
R5039	1-208-943-11	METAL CHIP 220K 0.5% 1/16W
R5050	1-208-927-11	METAL CHIP 47K 0.5% 1/16W
R5052	1-208-895-11	METAL CHIP 2.2K 0.5% 1/16W
R5054	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5058	1-218-953-11	METAL CHIP 1K 5% 1/16W
R5063	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5067	1-218-953-11	METAL CHIP 1K 5% 1/16W
R5070	1-218-990-81	SHORT CHIP 0
R5071	1-218-990-81	SHORT CHIP 0
R5079	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5080	1-218-969-11	METAL CHIP 22K 5% 1/16W
R5105	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5117	1-208-915-11	METAL CHIP 15K 0.5% 1/16W
R5118	1-208-867-11	METAL CHIP 150 0.5% 1/16W
R5122	1-208-931-11	METAL CHIP 68K 0.5% 1/16W
R5123	1-208-867-11	METAL CHIP 150 0.5% 1/16W
R5126	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5131	1-218-941-81	METAL CHIP 100 5% 1/16W
R5132	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5133	1-208-867-11	METAL CHIP 150 0.5% 1/16W
R5134	1-208-867-11	METAL CHIP 150 0.5% 1/16W
R5135	1-218-965-11	METAL CHIP 10K 5% 1/16W
R5136	1-218-965-11	METAL CHIP 10K 5% 1/16W
R9003	1-218-957-11	METAL CHIP 2.2K 5% 1/16W
R9005	1-218-965-11	METAL CHIP 10K 5% 1/16W
R9006	1-208-883-81	METAL CHIP 680 0.5% 1/16W
R9025	1-208-859-81	METAL CHIP 68 0.5% 1/16W

REF.NO.	PART.NO	DESCRIPTION
R9027	1-218-965-11	METAL CHIP 10K 5% 1/16W
R9048	1-218-937-11	METAL CHIP 47 5% 1/16W
R9056	1-218-937-11	METAL CHIP 47 5% 1/16W
R9073	1-218-941-81	METAL CHIP 100 5% 1/16W
R9108	1-218-937-11	METAL CHIP 47 5% 1/16W
R9120	1-218-937-11	METAL CHIP 47 5% 1/16W
R9207	1-218-937-11	METAL CHIP 47 5% 1/16W
R9304	1-218-949-11	METAL CHIP 470 5% 1/16W
R9308	1-218-965-11	METAL CHIP 10K 5% 1/16W
R9309	1-218-953-11	METAL CHIP 1K 5% 1/16W
R9310	1-218-937-11	METAL CHIP 47 5% 1/16W
R9312	1-218-965-11	METAL CHIP 10K 5% 1/16W
R9324	1-218-965-11	METAL CHIP 10K 5% 1/16W
R9403	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R9404	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R9405	1-208-867-11	METAL CHIP 150 0.5% 1/16W
R9447	1-218-935-11	METAL CHIP 33 5% 1/16W
R9448	1-218-935-11	METAL CHIP 33 5% 1/16W
R9449	1-218-935-11	METAL CHIP 33 5% 1/16W
R9450	1-218-935-11	METAL CHIP 33 5% 1/16W
R9459	1-218-933-11	METAL CHIP 22 5% 1/16W
R9468	1-218-933-11	METAL CHIP 22 5% 1/16W
R9469	1-218-933-11	METAL CHIP 22 5% 1/16W
R9470	1-218-933-11	METAL CHIP 22 5% 1/16W
R9471	1-218-933-11	METAL CHIP 22 5% 1/16W
R9477	1-208-867-11	METAL CHIP 150 0.5% 1/16W
R9478	1-208-867-11	METAL CHIP 150 0.5% 1/16W
R9479	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R9480	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R9482	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R9483	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R9485	1-218-965-11	METAL CHIP 10K 5% 1/16W
R9486	1-208-913-11	METAL CHIP 12K 0.5% 1/16W
R9600	1-220-870-11	METAL CHIP 10 0.5% 1/16W
R9601	1-220-870-11	METAL CHIP 10 0.5% 1/16W
R9602	1-220-870-11	METAL CHIP 10 0.5% 1/16W
R9603	1-218-829-11	METAL CHIP 180 0.5% 1/10W
R9604	1-218-829-11	METAL CHIP 180 0.5% 1/10W
R9605	1-218-829-11	METAL CHIP 180 0.5% 1/10W
R9606	1-218-823-11	METAL CHIP 100 0.5% 1/10W
R9607	1-218-823-11	METAL CHIP 100 0.5% 1/10W
R9608	1-218-823-11	METAL CHIP 100 0.5% 1/10W
R9610	1-208-867-11	METAL CHIP 150 0.5% 1/16W
R9613	1-218-949-11	METAL CHIP 470 5% 1/16W
R9615	1-220-880-11	METAL CHIP 27 0.5% 1/16W
R9616	1-220-880-11	METAL CHIP 27 0.5% 1/16W
R9617	1-220-880-11	METAL CHIP 27 0.5% 1/16W

REF.NO.	PART.NO	DESCRIPTION
R9618	1-220-878-11	METAL CHIP 22 0.5% 1/16W
R9619	1-220-870-11	METAL CHIP 10 0.5% 1/16W
R9620	1-220-870-11	METAL CHIP 10 0.5% 1/16W
R9624	1-218-829-11	METAL CHIP 180 0.5% 1/10W
R9625	1-218-829-11	METAL CHIP 180 0.5% 1/10W
R9626	1-218-829-11	METAL CHIP 180 0.5% 1/10W
R9627	1-220-878-11	METAL CHIP 22 0.5% 1/16W
R9628	1-220-870-11	METAL CHIP 10 0.5% 1/16W
R9629	1-220-870-11	METAL CHIP 10 0.5% 1/16W
R9630	1-208-855-81	METAL CHIP 47 0.5% 1/16W
R9631	1-208-855-81	METAL CHIP 47 0.5% 1/16W
R9632	1-208-855-81	METAL CHIP 47 0.5% 1/16W
R9633	1-211-990-11	METAL CHIP 75 0.5% 1/10W
R9634	1-218-823-11	METAL CHIP 100 0.5% 1/10W
R9635	1-218-823-11	METAL CHIP 100 0.5% 1/10W
R9636	1-218-829-11	METAL CHIP 180 0.5% 1/10W
R9637	1-218-829-11	METAL CHIP 180 0.5% 1/10W
R9638	1-218-829-11	METAL CHIP 180 0.5% 1/10W
R9641	1-211-990-11	METAL CHIP 75 0.5% 1/10W
R9642	1-218-823-11	METAL CHIP 100 0.5% 1/10W
R9643	1-218-823-11	METAL CHIP 100 0.5% 1/10W
R9646	1-208-915-11	METAL CHIP 15K 0.5% 1/16W
R9647	1-208-911-11	METAL CHIP 10K 0.5% 1/16W
R9648	1-208-883-81	METAL CHIP 680 0.5% 1/16W
R9649	1-218-941-81	METAL CHIP 100 5% 1/16W
R9650	1-218-941-81	METAL CHIP 100 5% 1/16W
R9651	1-218-945-11	METAL CHIP 220 5% 1/16W
R9652	1-218-945-11	METAL CHIP 220 5% 1/16W
R9654	1-218-947-11	METAL CHIP 330 5% 1/16W
R9655	1-218-947-11	METAL CHIP 330 5% 1/16W
R9678	1-218-935-11	METAL CHIP 33 5% 1/16W
R9679	1-218-935-11	METAL CHIP 33 5% 1/16W
R9680	1-218-935-11	METAL CHIP 33 5% 1/16W
R9681	1-208-859-81	METAL CHIP 68 0.5% 1/16W
R9730	1-208-892-11	METAL CHIP 1.6K 0.5% 1/16W
R9731	1-220-884-11	METAL CHIP 39 0.5% 1/16W
R9732	1-220-884-11	METAL CHIP 39 0.5% 1/16W
R9903	1-208-893-11	METAL CHIP 1.8K 0.5% 1/16W
R9904	1-220-870-11	METAL CHIP 10 0.5% 1/16W
R9906	1-208-863-11	METAL CHIP 100 0.5% 1/16W
R9908	1-208-671-11	METAL CHIP 330 0.5% 1/16W
R9909	1-208-671-11	METAL CHIP 330 0.5% 1/16W
R9912	1-208-671-11	METAL CHIP 330 0.5% 1/16W
R9913	1-208-671-11	METAL CHIP 330 0.5% 1/16W
R9914	1-208-671-11	METAL CHIP 330 0.5% 1/16W
R9915	1-208-671-11	METAL CHIP 330 0.5% 1/16W
R9916	1-208-671-11	METAL CHIP 330 0.5% 1/16W

REF.NO.	PART.NO	DESCRIPTION
R9917	1-208-671-11	METAL CHIP 330 0.5% 1/16W
RB1002	1-234-785-21	RES, CHIP NETWORK 100X8(3816)
RB2060	1-234-384-11	RES, NETWORK 1M (1005X4)
RB2061	1-234-375-21	RES, NETWORK 1K (1005X4)
RB2200	1-234-377-21	RES, NETWORK 4.7K (1005X4)
RB2201	1-234-381-11	RES, NETWORK 100K (1005X4)
RB2202	1-234-375-21	RES, NETWORK 1K (1005X4)
RB2260	1-234-380-21	RES, NETWORK 47K (1005X4)
RB2262	1-234-380-21	RES, NETWORK 47K (1005X4)
RB2263	1-234-380-21	RES, NETWORK 47K (1005X4)
RB2264	1-234-380-21	RES, NETWORK 47K (1005X4)
RB2265	1-234-378-21	RES, NETWORK 10K (1005X4)
RB2267	1-234-400-21	CONDUCTOR, NETWORK (1005X4)
RB2268	1-234-400-21	CONDUCTOR, NETWORK (1005X4)
RB2271	1-234-400-21	CONDUCTOR, NETWORK (1005X4)
RB2300	1-234-384-11	RES, NETWORK 1M (1005X4)
RB2302	1-234-376-11	RES, NETWORK 2.2K (1005X4)
RB2303	1-234-371-21	RES, NETWORK 47 (1005X4)
RB2304	1-234-370-21	RES, NETWORK 22 (1005X4)
RB2305	1-234-375-21	RES, NETWORK 1K (1005X4)
RB2306	1-234-384-11	RES, NETWORK 1M (1005X4)
RB2307	1-234-371-21	RES, NETWORK 47 (1005X4)
RB2400	1-234-371-21	RES, NETWORK 47 (1005X4)
RB2402	1-234-375-21	RES, NETWORK 1K (1005X4)
RB2404	1-234-375-21	RES, NETWORK 1K (1005X4)
RB2405	1-234-373-21	RES, NETWORK 220 (1005X4)
RB2406	1-234-373-21	RES, NETWORK 220 (1005X4)
RB2407	1-234-378-21	RES, NETWORK 10K (1005X4)
RB2411	1-234-400-21	CONDUCTOR, NETWORK (1005X4)
RB2412	1-234-400-21	CONDUCTOR, NETWORK (1005X4)
RB2414	1-234-372-11	RES, NETWORK 100 (1005X4)
RB2560	1-234-369-21	RES, NETWORK 10 (1005X4)
RB2567	1-234-400-21	CONDUCTOR, NETWORK (1005X4)
RB2568	1-234-400-21	CONDUCTOR, NETWORK (1005X4)
RB2605	1-234-378-21	RES, NETWORK 10K (1005X4)
RB2700	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)
RB2701	1-234-378-21	RES, NETWORK 10K (1005X4)
RB2703	1-234-372-11	RES, NETWORK 100 (1005X4)
RB2707	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)
RB2800	1-234-384-11	RES, NETWORK 1M (1005X4)
RB2801	1-234-375-21	RES, NETWORK 1K (1005X4)
RB2802	1-234-384-11	RES, NETWORK 1M (1005X4)
RB2803	1-234-384-11	RES, NETWORK 1M (1005X4)
RB2804	1-234-375-21	RES, NETWORK 1K (1005X4)
RB2805	1-234-384-11	RES, NETWORK 1M (1005X4)
RB2806	1-234-375-21	RES, NETWORK 1K (1005X4)
RB2807	1-234-384-11	RES, NETWORK 1M (1005X4)

REF.NO.	PART.NO	DESCRIPTION
RB2808	1-234-375-21	RES, NETWORK 1K (1005X4)
RB2809	1-234-375-21	RES, NETWORK 1K (1005X4)
RB3000	1-234-372-11	RES, NETWORK 100 (1005X4)
RB3001	1-234-372-11	RES, NETWORK 100 (1005X4)
RB3003	1-234-372-11	RES, NETWORK 100 (1005X4)
RB3800	1-234-378-21	RES, NETWORK 10K (1005X4)
RB4001	1-234-381-11	RES, NETWORK 100K (1005X4)
RB4008	1-234-374-21	RES, NETWORK 470 (1005X4)
RB4501	1-250-267-21	RES, NETWORK 33K (1005X4)
RB4505	1-234-379-21	RES, NETWORK 22K (1005X4)
RB4511	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)
RB4517	1-234-371-21	RES, NETWORK 47 (1005X4)
RB4518	1-234-379-21	RES, NETWORK 22K (1005X4)
RB4519	1-250-267-21	RES, NETWORK 33K (1005X4)
RB5001	1-234-376-11	RES, NETWORK 2.2K (1005X4)
RB5002	1-234-375-21	RES, NETWORK 1K (1005X4)
RB5003	1-234-375-21	RES, NETWORK 1K (1005X4)
RB5004	1-234-372-11	RES, NETWORK 100 (1005X4)
RB5007	1-234-372-11	RES, NETWORK 100 (1005X4)
RB5009	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)
RB5013	1-234-372-11	RES, NETWORK 100 (1005X4)
RB5017	1-234-372-11	RES, NETWORK 100 (1005X4)
RB5021	1-234-372-11	RES, NETWORK 100 (1005X4)
RB5024	1-234-372-11	RES, NETWORK 100 (1005X4)
RB5025	1-234-375-21	RES, NETWORK 1K (1005X4)
RB5027	1-234-378-21	RES, NETWORK 10K (1005X4)
RB5036	1-234-378-21	RES, NETWORK 10K (1005X4)
RB5039	1-234-378-21	RES, NETWORK 10K (1005X4)
RB5041	1-234-785-21	RES, CHIP NETWORK 100X8(3816)
RB5042	1-234-372-11	RES, NETWORK 100 (1005X4)
RB5043	1-234-785-21	RES, CHIP NETWORK 100X8(3816)
RB5044	1-234-372-11	RES, NETWORK 100 (1005X4)
RB5045	1-234-372-11	RES, NETWORK 100 (1005X4)
RB9002	1-234-376-11	RES, NETWORK 2.2K (1005X4)
RB9003	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9005	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9006	1-234-376-11	RES, NETWORK 2.2K (1005X4)
RB9007	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9008	1-234-378-21	RES, NETWORK 10K (1005X4)
RB9009	1-234-376-11	RES, NETWORK 2.2K (1005X4)
RB9010	1-234-378-21	RES, NETWORK 10K (1005X4)
RB9011	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9012	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9013	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9014	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9100	1-234-785-21	RES, CHIP NETWORK 100X8(3816)
RB9102	1-234-372-11	RES, NETWORK 100 (1005X4)

REF.NO.	PART.NO	DESCRIPTION
RB9103	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9104	1-234-378-21	RES, NETWORK 10K (1005X4)
RB9105	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)
RB9201	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9202	1-234-378-21	RES, NETWORK 10K (1005X4)
RB9203	1-234-378-21	RES, NETWORK 10K (1005X4)
RB9204	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)
RB9205	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)
RB9206	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9207	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9208	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)
RB9209	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)
RB9210	1-234-711-21	RES, CHIP NETWORK 22X8 (3816)
RB9211	1-234-710-21	RES, CHIP NETWORK 47X8 (3816)
RB9212	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9214	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)
RB9215	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9216	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9217	1-234-799-21	RES, CHIP NETWORK 10KX8 (3816)
RB9218	1-234-378-21	RES, NETWORK 10K (1005X4)
RB9221	1-234-378-21	RES, NETWORK 10K (1005X4)
RB9302	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9303	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9304	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9309	1-234-370-21	RES, NETWORK 22 (1005X4)
RB9310	1-234-370-21	RES, NETWORK 22 (1005X4)
RB9311	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9312	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9315	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9316	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9317	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9318	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9319	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9320	1-234-371-21	RES, NETWORK 47 (1005X4)
RB9400	1-234-370-21	RES, NETWORK 22 (1005X4)
RB9401	1-234-370-21	RES, NETWORK 22 (1005X4)
RB9403	1-234-370-21	RES, NETWORK 22 (1005X4)
RB9404	1-234-370-21	RES, NETWORK 22 (1005X4)
RB9405	1-234-370-21	RES, NETWORK 22 (1005X4)
RB9900	1-234-378-21	RES, NETWORK 10K (1005X4)
TU1000	8-597-719-00	UNIVERSAL SIL-TU SUT-AE101T
VD2060	1-802-090-21	VARISTOR, CHIP
VD2306	1-802-090-21	VARISTOR, CHIP
VD2307	1-802-090-21	VARISTOR, CHIP
VD2800	1-802-090-21	VARISTOR, CHIP
VD2801	1-802-090-21	VARISTOR, CHIP
VD2802	1-802-090-21	VARISTOR, CHIP

REF.NO.	PART.NO	DESCRIPTION
VD2803	1-802-090-21	VARISTOR, CHIP
VD2804	1-802-090-21	VARISTOR, CHIP
VD2805	1-802-090-21	VARISTOR, CHIP
VD2806	1-802-090-21	VARISTOR, CHIP
VD2807	1-802-090-21	VARISTOR, CHIP
VD2808	1-802-090-21	VARISTOR, CHIP
VD2809	1-802-090-21	VARISTOR, CHIP
VD2810	1-802-090-21	VARISTOR, CHIP
VD2811	1-802-090-21	VARISTOR, CHIP
VD2812	1-802-090-21	VARISTOR, CHIP
VD2814	1-802-090-21	VARISTOR, CHIP
VD2815	1-802-090-21	VARISTOR, CHIP
VD2816	1-802-090-21	VARISTOR, CHIP
VD2817	1-802-090-21	VARISTOR, CHIP
VD2819	1-802-090-21	VARISTOR, CHIP
VD2820	1-802-090-21	VARISTOR, CHIP
VD2821	1-802-090-21	VARISTOR, CHIP
VD2822	1-802-090-21	VARISTOR, CHIP
VD2825	1-802-090-21	VARISTOR, CHIP
VD2826	1-802-090-21	VARISTOR, CHIP
X1000	1-814-238-11	VIBRATOR, CRYSTAL
X2402	1-814-363-11	QUARTZ CRYSTAL UNIT
X5001	1-813-784-21	VIBRATOR, CRYSTAL
X5003	1-814-288-21	VIBRATOR, CERAMIC
X9000	1-814-356-11	QUARTZ CRYSTAL UNIT
1-474-264-11 GD1 Board		
COMPONENT LEVEL REPAIR INFORMATION IS NOT AVAILABLE		
A-1744-403-A H2LS Board		
C1	1-107-826-11	CERAMIC CHIP 0.1UF 10.00% 16V
C2	1-107-826-11	CERAMIC CHIP 0.1UF 10.00% 16V
CN1	1-506-999-11	PIN, CONNECTOR (PC BOARD) 3P
R1	1-218-872-11	METAL CHIP 11K 0.5% 1/10W
R2	1-218-865-11	METAL CHIP 5.6K 0.5% 1/10W
R3	1-218-859-11	METAL CHIP 3.3K 0.5% 1/10W
R4	1-218-855-11	METAL CHIP 2.2K 0.5% 1/10W
R5	1-218-851-11	METAL CHIP 1.5K 0.5% 1/10W
R7	1-216-864-11	SHORT CHIP 0
S1	1-786-726-11	SWITCH, TACTILE
S2	1-786-726-11	SWITCH, TACTILE
S3	1-786-726-11	SWITCH, TACTILE
S4	1-786-726-11	SWITCH, TACTILE
S5	1-786-726-11	SWITCH, TACTILE
S6	1-786-726-11	SWITCH, TACTILE
S7	1-786-726-11	SWITCH, TACTILE

REF.NO.	PART.NO	DESCRIPTION
A-1753-636-A HLR Board		
C002	1-112-068-11	CERAMIC CHIP 220PF 10% 50V
C004	1-100-909-11	CERAMIC CHIP 10UF 10% 6.3V
C009	1-100-916-11	CERAMIC CHIP 0.1UF 10% 16V
C010	1-218-937-11	METAL CHIP 47 5% 1/16W
C013	1-218-937-11	METAL CHIP 47 5% 1/16W
C018	1-164-874-11	CERAMIC CHIP 100PF 5.00% 50V
C019	1-164-874-11	CERAMIC CHIP 100PF 5.00% 50V
CN001	1-821-139-11	HEADER ASSEMBLY FOR PWB 12P
D001	6-502-294-01	DI SML-D13M8WT86S
D002	6-502-196-01	DI SML-D12Y8WT86SP
D003	6-502-294-01	DI SML-D13M8WT86S
D004	6-502-598-01	DI SML-D12U8WT86
D005	6-502-598-01	DI SML-D12U8WT86
IC002	6-600-784-01	IC RS-970
Q001	6-552-430-01	TR DRC5114E0L
Q002	6-552-430-01	TR DRC5114E0L
Q003	6-552-430-01	TR DRC5114E0L
Q004	6-552-430-01	TR DRC5114E0L
Q005	6-552-430-01	TR DRC5114E0L
R001	1-208-671-11	METAL CHIP 330 0.5% 1/16W
R002	1-208-887-11	METAL CHIP 1K 0.5% 1/16W
R003	1-208-671-11	METAL CHIP 330 0.5% 1/16W
R004	1-208-891-11	METAL CHIP 1.5K 0.5% 1/16W
R006	1-208-891-11	METAL CHIP 1.5K 0.5% 1/16W
R008	1-218-941-81	METAL CHIP 100 5% 1/16W
R011	1-218-937-11	METAL CHIP 47 5% 1/16W
R019	1-218-941-81	METAL CHIP 100 5% 1/16W
R020	1-218-941-81	METAL CHIP 100 5% 1/16W
SE001	6-600-782-01	HIC COLORSENSOR
A-1794-005-A PFC Board		
COMPONENT LEVEL REPAIR INFORMATION IS NOT AVAILABLE		

English
10LP7100-1
Printed in U.K.
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Service Promotions Dept.

9-888-375-51